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COTTON LITERATURE

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SELECTED REFERENCES

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COTTON LITERATURE is compiled mainly from material received in the Library of the U. S. Department of Agriculture.

Copies of the publications listed herein can not be supplied by the Department except in the case of publications expressly designated as issued by the U. S. Department of Agriculture. Books, pamphlets, and periodicals mentioned may ordinarily be obtained from their respective publishers or from the Secretary of the issuing organization. Many of them are available for consultation in public or other libraries.

"Abbreviations Used in the Department of Agriculture for Titles of Publications" (Miscellaneous Publication No. 337) is the authority for abbreviations used in COTTON LITERATURE.

PRODUCTIONBotany

1241. Chavirin, Ivan. Algumas questões técnicas sobre a biologia e fisiologia do algodoeiro. Ouro Branco 5(8): 8-10. Dec. 1939. (Published at R. Quintino Bocayuva, 54, São Paulo, Brazil)

Some technical questions on the biology and physiology of cotton.

1242. Moore, Jerry H. The distribution of the fiber population on the cotton seed. Elisha Mitchell Sci. Soc. Jour. 55(2): 240. Dec. 1939. (Published by the University of North Carolina Press, Chapel Hill, N. C.) 500 E14

An abstract of a paper read before the Thirty-eighth meeting of the North Carolina Academy of Science, Wake Forest, N. C., May 5-6, 1939.

See also Items nos. 1246, 1276, 1567.

Genetics and Plant Breeding

1243. Afzal, Mohammad, and Singh, Sarup. The genetics of a petaloid mutant in cotton. Indian Jour. Agr. Sci. 9(6): 787-790. Dec. 1939. (Published by the Manager of Publications, Delhi, India) 22 Ag83I

References, p. 790.

The mutation of double flower in cotton is discussed.

1244. Beasley, J. O. The production of new species of cotton. Elisha Mitchell Sci. Soc. Jour. 55(2): 242. Dec. 1939. (Published by the University of North Carolina Press, Chapel Hill, N. C.) 500 E14

Abstract of paper read before the Thirty-eighth meeting of the North Carolina Academy of Science, Wake Forest, N. C., May 5-6, 1939.

1245. Humphrey, L. M. Effects of inbreeding cotton with special reference to staple length and lint percentage. Ark. Agr. Expt. Sta. Bul. 387, 16pp. Fayetteville, 1940.

Literature, p. 16.

1246. Hutchinson, J. B., Ghose, R. L. M., and Nath, Bhola. Further studies on the inheritance of leaf shape in Asiatic *Gossypiums*. Indian Jour. Agr. Sci. 9(6): 765-786. Dec. 1939. (Published by the Manager of Publications, Delhi, India) 22 Ag83I References, p. 771.

1247. Ireland, J. C. Pst!! Fatherless cotton is here. Spraying with synthetic hormones also produces early and more uniform bolls. South. Seedsman 3(4): 16-17. Apr. 1940. (Published in San Antonio, Tex.) 61.8 So8

See also Item no. 1591.

Agronomy

1248. Andrews, W. B. Fertilizers for cotton production. Fertilizer recommendations for cotton production in the hill sections of Mississippi. Miss. Farm Res. 3(4): 3-6. Apr. 1940. (Published by Mississippi Agricultural Experiment Station, State College, Miss.)

1249. Baliabo, N. [The dynamics of the mobile forms of nitrogen in the soil and agrochemical control in cotton plantations.] Sovetskii Khlopok no. 6, pp. 52-58. June 1938. (Published in Moskva, U. S. S. R.) Libr. Cong.

In Russian.

References, p. 58.

"Cultivation of cotton creates conditions favorable to the development of nitrification processes during the whole of the vegetative period, denitrification being almost completely excluded. When no fertilizer is applied the materials necessary for nitrification become exhausted about June or July; from this time on accumulation in the soil of mobile N ceases, and a decrease in food reserves is observed. Owing to the intensity of nitrification processes in cultivated soils they contain very little of the intermediate products of degradation of org. matter (NH₃, nitrites). - A. Papineau-Couture." - Chem. Abs. 33(21): 8881-8882. Nov. 10, 1939.

1250. Brown, H. B., Wasson, R. A., and Percy, J. F. A description of cotton varieties recommended for Louisiana. La. Agr. Col. Ext. Cir. 200, 3pp. [Baton Rouge] 1940.

1251. Chester, K. Starr, and Tennyson, Gertrude. The effect of a diseased cotton seed on an adjacent healthy seed. *Phytopathology* 30(1): 4. Jan. 1940. (Published at Lime and Green Sts., Lancaster, Pa.) 464.8 P56
Abstract of paper presented at the thirty-first annual meeting of the American Phytopathological Society, Columbus, Ohio, December 27 to 30, 1939.
1252. Cillis, Emanuele de. Il cotone italiano. Gli aspetti del problema culturale. *Giornale di Agricoltura della Domenica* 50(15): 117. Apr. 14, 1940. (Published at Palazzo Margherita, Via Vittorio Veneto, Rome, Italy) 16 It1G
Italian cotton. Some aspects of the cultural problem.
1253. Cordova, O. S. Atenciones que requiere el cultivo del algodón. *Revista de Agricultura* 31(124): 22-23. Jan. 1940. (Published by Secretaria de Estado de Agricultura, Industria y Trabajo, San Christóbal, Trujillo, Dominican Republic). 8 P323
Care required in cotton cultivation.
1254. Dunlavy, Henry E., Parrott, I. M., and Self, Ferd W. 1939 report, cotton variety tests in Oklahoma. *Okla. Agr. Expt. Sta. Circ.* 87, 56pp., processed. Stillwater, 1940.
1255. Egyptian cotton names. *Textile Mercury and Argus* 102(2656): 175. Feb. 16, 1940. (Published at 41 Spring Gardens, Manchester, England) 304.8 T318
"The Egyptian Ministry of Agriculture has agreed with the Alexandria exporters to give names to its new cotton varieties instead of the Giza numbers by which they are at present known... Giza 7 is being left under its present name... Giza 12 is to be called Wafeer," Giza 26--Malaki, and Giza 29--Karnak.
1256. Fairchild, David. The world was my garden. Travels of a plant explorer. 494pp. New York and London, Charles Scribner's Sons, 1938.
Peruvian tree cotton, p. 128: Egyptian cotton brought to the United States, pp. 141-142.

1257. Gare, U. R. Results of cotton variety tests, 1936-1939. Ga. Agr. Expt. Sta. Bul. 204, 31pp. Experiment, 1940.
 "Results of cotton variety tests conducted at four locations in South Georgia and four in North Georgia show that certain varieties are outstanding in yielding ability and other desirable characters."
1258. Hurst, F. J. Recommended fertilizers for Mississippi. Prog. Farmer [Miss. Val. ed.] 55(3): 64-65. Mar. 1940. (Published at Cotton Exchange Bldg., Memphis, Tenn.) 6 So81
 Fertilizers recommended for cotton are included.
1259. Institut national pour l'étude agronomique du Congo Belge. Rapport annuel pour l'exercice 1938. Part I. 269pp. [Gembloux, Belgium] 1939. (Hors série) 24 In7R 1938 pt. 1.
 Partial contents: Cotton, pp. 111, 222-223, 224-225, 229-233, 239-241; Centres expérimentaux de culture cotonnier et d'éducation agricole (Experimental centers of cotton cultivation and agricultural education), pp. 243-249; Centres expérimentaux et de multiplication cotonnière de la colonie sous la direction technique de l'Ineac (cotton experiment and increase centers of the colony, under the technical direction of the Ineac.)
1260. Jackson, S. B. Chemical gas delinting becoming popular. Cotton and Cotton Oil Press 41(9): 19, 22. Apr. 27, 1940. (Published at 3116-18 Commerce St., Dallas, Tex.) 304.8 C822
 Delinting cottonseed with dry hydrochloric acid gas is becoming popular in Texas.
1261. King, B. M. Good varieties of cotton for Missouri. Mo. Agr. Expt. Sta. Cir. 206, 8pp. Columbia, 1940.
 The factors involved in the production of profitable crops are listed.
1262. Lasukova, T. [Efficiency of press cake in the cultivation of cotton on prairie soils.] Sovetskii Khlopok no. 10, pp. 29-33. Oct. 1938. (Published in Moskva, U. S. S. R.) Libr. Cong.
 In Russian.
 "Application of cottonseed cake to prairie soil gives rise to a **series** of biochem. processes,

accompanied by a considerable accumulation of nitric N at the expense of the soil reserves. This is of special importance in the lower horizons, where the org. matter undergoes only very slight mineralization under normal conditions. - A. Papineau-Couture." - Chem. Abs. 33(22): 9517. Nov. 20, 1939.

1263. Moss, B. L. Geese as hoe hands. Prog. Farmer (Tex. ed.) 55(5): 14. May 1940. (Published at 1105 Southland Life Annex, Dallas, Tex.) 6 T311
Control of crabgrass, Johnson grass and bermuda in cotton fields by the use of geese is advocated.

1264. National cotton picking contest to use Coker's. Pedigreed cotton seed in Mississippi county, Arkansas planting. Cotton Trade Jour. 20(16): 3. Apr. 20, 1940. (Published at 810 Union St., New Orleans, La.) 72.8 C8214
An announcement by the National Cotton Picking Association. The contest will be held in Blytheville, Ark., Sept. 23-24, 1940.
Also in Cotton Digest 12(29): 4. Apr. 20, 1940.

1265. O'Kelley, J. F. Ceresan treated cottonseed poison; handle as such. Miss. Farm Res. 3(4): 1. Apr. 1940. (Published by Mississippi Agricultural Experiment Station, State College, Miss.)
Treated seed should not be fed to livestock or sold to oil mills.

1266. Praise ceresan aid in fight on seed-borne ills. Seed breeder and university research head tell of seed treatment. Cotton Trade Jour. 20(15): 7. Apr. 13, 1940. (Published at 810 Union St., New Orleans, La.) 72.8 C8214
Use of ceresan in treating cottonseed for control of seedling diseases is discussed.

1267. Romaine, J. D. When fertilizing consider plant-food content of crops. Better Crops with Plant Food 24(3): 6-9, 37-43. Mar. 1940. (Published at Investment Bldg., Washington, D. C.) 6 B46
References, pp. 41-42.
Cotton is one of the crops studied. Table shows nutrient content of crops including cotton.

1268. Say Reich cotton production tests begun as bee aid. Blossom, not fiber, sought in early experiments with cotton plant. Cotton Trade Jour. 20(14): 8. Apr. 6, 1940. (Published at 810 Union St., New Orleans, La.) 72.8 C8214
Experiments by Professor Ewert at the Agricultural Experimental and Research Institute at Landsberg on the Warthe are noted.
1269. Tessi, Torcuato C. Condiciones algodonerías del Valle Concarán (Zona serrana de las Provincias de Córdoba y San Luis). Córdoba. Boletín de Agricultura y Ganadería no. 175, pp. 23-26. Jan.-Feb. 1930. (Published by Ministerio de Obras Públicas, Córdoba, Argentina) 9 C81Bo
Cotton conditions in the Concarán Valley (mountain zone of the provinces of Córdoba and San Luis).
1270. 320,000 extra bales of cotton. Cotton and Cotton Oil Press 41(7): 15. Mar. 30, 1940. (Published at 3116-18 Commerce St., Dallas, Tex.) 304.8 C822
The effect of chemical treatment of cottonseed in increasing the yield of cotton is noted.
1271. Value in cotton stalks. Cotton and Cotton Oil Press 41(7): 11. Mar. 30, 1940. (Published at 3116-18 Commerce St., Dallas, Tex.) 304.8 C822
"Turning cotton stalks under, when green so that they will decompose during the winter, is worth \$6.00 an acre to the farmer."
1272. Vivet, E. La culture du cotonnier au Maroc. Revue Agricole dell'Afrique du Nord. 38(1073): 82-83. Feb. 23, 1940. (Published at 12 R. Dumont-d'Urville, Alger, Algeria) 80 R326
The cultivation of cotton in Morocco.
1273. Vivet, E. La fumure du cotonnier. Revue Agricole de l'Afrique du Nord. 38(1075): 111-112. Mar. 8, 1940. (Published at 12 R. Dumont-d'Urville, Alger, Algeria) 80 R326
Application of fertilizers to the cotton plant.
1274. York, H. A. Outlying and station uniform cotton variety test. Miss. Farm Res. 3(4): 8. Apr. 1940. (Published by Mississippi Agricultural

Experiment Station, State College, Miss.)

Results of tests conducted in 1938 and 1939 on 17 varieties commonly grown on the Delta are given.

See also Items nos. 1245, 1247, 1283, 1287, 1368, 1369, 1381, 1384, 1385, 1387, 1508, 1534, 1570, 1581, 1582, 1591, 1595, 1597, 1603.

Diseases

1275. Armstrong, G. M. Fusarium wilt of cotton and tobacco apparently caused by the same organism. *Phytopathology* 30(1): 1-2. Jan. 1940. (Published at Lime and Green Sts., Lancaster, Pa.) 464.8 P56

Abstract of paper presented at the thirty-first annual meeting of the American Phytopathological Society, Columbus, Ohio, December 27 to 30, 1939.

1276. Greathouse, Glenn A., and Rigler, Neil E. The chemistry of resistance of plants to *Phymatotrichum* root rot. IV. Toxicity of phenolic and related compounds. *Amer. Jour. Bot.* 27(2): 99-108. Feb. 1940. (Published by Free Press Interstate Printing Corporation, Burlington, Vt.) 450 Am36
Literature cited, pp. 107-108.

See also Items nos. 1251, 1266.

Insects

1277. El avión contra los parásitos del algodón. Este procedimiento es aplicado con éxito en otros países americanos. *Gaceta Algodonera* 16(193): 9-10. Feb. 29, 1940. (Published at Reconquista 331, Buenos Aires, Argentina) 72.8 G11

The airplane against cotton parasites. This method has been used with success in other American countries.

1278. Fighting cotton fleas with dust or spray. *Prog. Farmer (Tex. ed.)* 55(5): 14. May 1940. (Published at 1105 Southland Life Annex, Dallas, Tex.) 6 T311

1279. Kleberg, Richard M. Pink bollworm called major threat to cotton. *Cotton Digest* 12(27): 8. Apr. 6, 1940. (Published at 710 Cotton Exchange Bldg., Houston, Tex.) 286.82 C822

1280. [Kleberg, Richard M.] Pink bollworm more destructive than other 105 pests combined. Cotton Trade Jour. 20(16): 3. Apr. 20, 1940. (Published at 810 Union St., New Orleans, La.) 72.8 C8214
Text of radio address, entitled The pink bollworm vs. the United States of America, is given.
1281. Kreibohm de la Vega, G. A. Instrucciones para combatir la oruga de la hoja del algodouero y otros insectos masticadores. Tratamientos preventivos y curativos. Gaceta Algodonera 16(193): 19-23. Feb. 29, 1940. (Published at Reconquista 331, Buenos Aires, Argentina) 72.8 G11
References, p. 23.
Instructions for control of the cotton leaf worm and other masticating insects. Curative and preventive treatments.
1282. Kreibohm de la Vega, G. A. Métodos de cura del algodouero. Aparatos, insecticidas y sales arsenicales más usuales. Cordoba. Boletín de Agricultura y Ganaderia no. 175, pp. 28-37. Jan.-Feb. 1940. (Published by Ministerio de Obras Publicas, Cordoba, Argentina) 9 C81Bo
References, p. 37.
Methods of treating the cotton plant. Apparatus, insecticides and the more usual arsenical preparations.
1283. McLeroy, C. D. Insect control pays Prestridge. Farm and Ranch 59(4): 32. Apr. 1940. (Published in Dallas, Tex.)
Yields obtained by E. L. Prestridge after dusting his cotton are compared with yields from untreated fields.
1284. Otanes, Faustino Q., and Butac, Filomeno L. Cotton pests in the Philippines. Philippine Jour. Agr. 10(4): 341-371. 1939. (Published at Manila, P. I.) 25 P543
Literature cited, pp. 366-367.
"To be reprinted as Department Popular Bulletin No. 15."
1285. Penny-wise and dollar-foolish. Prog. Farmer (Miss. Val. ed.) 55(3): 5. Mar. 1940. (Published at Cotton Exchange Bldg., Memphis, Tenn.) 6 So81
An editorial urging establishment of a non-cotton zone for control of the pink bollworm.

1286. Siddall, Cameron. Take the "guess" out of cotton insect control. Prog. Farmer (Tex. ed.) 55(5): 14. May 1940. (Published at 1105 Southland Life Annex, Dallas, Tex.) 6 T311
Use of insecticides in insect control is discussed.
1287. South Carolina. Agricultural extension service. Profitable cotton production under boll weevil conditions. S. C. Agr. Ext. Serv. Circ. 180, 8pp. Clemson, 1940. 275.29 So8E
Suggestions for growing cotton profitably under boll weevil conditions are given.
1288. [South Carolina cotton seed crushers' association] Six dollars for sixty cents. Cotton and Cotton Oil Press 41(9): 18. Apr. 27, 1940. (Published at 3116-18 Commerce St., Dallas, Tex.) 304.8 C822
A letter pointing out the value of controlling the boll weevil.
1289. Thomas, F. L. Signs of flea hoppers. Farm and Ranch 59(4): 32. Apr. 1940. (Published in Dallas, Tex.) 6 T31
1290. Thomas, F. L. Some suggestions for controlling the cotton flea hopper. Farm and Ranch 59(4): 33. Apr. 1940. (Published in Dallas, Tex.) 6 T31
1291. Thrips on the wing. Tex. Farming and Citric. 16(10): 8. Apr. 1940. (Published at 319 E. Jackson St., Harlingen, Tex.) 80 T31
The spread of thrips in the lower Rio Grande Valley of Texas is noted and methods of control are considered.
1292. Welch, J. H. White death from the air for insects. Tex. Farming and Citric. 16(10): 5-6. Apr. 1940. (Published at 319 E. Jackson St., Harlingen, Tex.) 80 T31
Use of the airplane for dusting cotton fields to control insect pests is described.

See also Items nos. 1491, 1499, 1555, 1582, 1597, 1607.

Farm Engineering

1293. Day, Emily L. Cotton picking machinery; a short list of references. U. S. Dept. Agr. Bur. Agr. Econ. Econ. Libr. List no. 9, 19pp., processed. Washington, 1940. 1.9 Ec73E

See also Item no. 1595.

Farm Management

1294. Saville, R. J., and Thornton, S. B. Factors in the organization and operation of farms in an upland cotton area of Louisiana. La. Agr. Expt. Sta. Bul. 309, 34pp. [Baton Rouge] 1939.

The study was conducted in Bienville Parish, 1931-1935.

An abstract of this bulletin was published as Bul. 309-A.

1295. Uchôa, José Leopoldo. O trato do algodoeiros. Revista do Algodão 10(53): 3019-3021. Jan. 1940. (Published at Rua de S. Bento, 389, São Paulo, Brazil)

Management of cotton lands.

See also Item no. 1591.

Farm Social Problems

1296. Alexander, W. W. A program for the South. 17pp., processed. Washington, U. S. Dept. of agriculture, [1940] 1.95 Ad8 no. 6

Address before the Southern Conference on Interstate Problems, Nashville, Tennessee, January 25, 1940.

Social conditions in the Cotton Belt are described and suggestions for improvement given.

1297. Hagood, Margaret Jarman. Mothers of the South; portrait of the white tenant farm woman. 252pp. Chapel Hill, University of North Carolina press, 1939. 281.2 H12

"The present book is limited to a presentation of case material and a short summary of certain quantitative results." The cases include some cotton farms.

1298. Wallace, Henry A. The place of the Negro in American agriculture; address...at the Founders' day banquet at Howard university, at Washington, D. C., and broadcast by the National broadcasting company and associated stations...March 2, 1940. 8pp., processed. Washington, D. C., 1940. 1.9 Ag8636

Cooperation in Production (One-Variety Communities)

1299. Cotton improvement award. Cotton [Atlanta] 104(4): 103. Apr. 1940. (Published by W. R. C. Smith Publishing Company, Grant Bldg., Atlanta, Ga.) 304.8 C823

"The Culloden one-variety cotton community has been chosen as the winner of the trophy awarded by the Cotton Manufacturers Association of Georgia, for having produced the best results in the Georgia cotton improvement program during the past year."

See also Item no. 1422.

PREPARATION

Ginning

1300. Adams, Orville. Keep up or fall out. Cotton and Cotton Oil Press 41(7): 5, 16. Mar. 30, 1940. (Published at 3116-18 Commerce St., Dallas, Tex.) 304.8 C822

The importance of keeping the ginning outfit up to date and in repair is stressed.

1301. Hurst, H. E., and Curry, P. A. Report on the measurement of the quantity of dust in the atmosphere of cotton ginneries. Egypt. Min. Pub. Works. Phys. Dept. Paper 39, 14pp. Cairo, 1939. 334.9 Eg9

"The authors describe the development of a Dust Meter for use in ginneries if it should be decided to set a limit to the permitted dust content of the atmosphere. The Aitkin and Owen dust counters did not fulfil the requirements. In the final form, a fan driven at about 2,000 r. p. m. by a motor worked from a 12-volt accumulator draws air through a filter, 11.7 cm. diam., composed of brass wire gauze of mesh about 100 to the inch, and the flow of the air is measured by a Negretti and Zambra instrument with fan blade 15 cm. diam. The filter compartment separates the housings containing the

motor and air meter, respectively. After running the motor for a minute or two the filter is detached and weighed; it can be suspended from the arm of a chemical balance. Results are recorded in mg. of dust per cubic metre of air. A series of measurements in Egyptian ginneries not using aspirators to remove dust are recorded for different grades of cotton. They show that the dust at the worker's height tends to decrease as the grade of cotton improves and suggest that a maximum of 11 mg. of dust per cubic metre might serve as a permissible limit. - C." - Brit. Cotton Indus. Res. Assoc. Sum. Cur. Lit. 20(5): 93. Mar. 15, 1940.

1302. Lowry, O. M. Membership campaign by co-op ginner's assn. to be launched. Enthusiastic annual meeting to be followed by definite plan for service and co-ordination. Tex. Co-op. News 20(4): 6, 10-11. Apr. 15, 1940. (Published by Texas Co-operative Publishing Co., Inc., 1100 South Ervay St., Dallas, Tex.) 72.9 T315F

Report of annual meeting of the Texas Co-operative Ginner's Association, held in Dallas, Apr. 2, 1940.

1303. Oklahoma ginner's hit margarine taxes; make Lockhart president. Cotton and Cotton Oil Press 41(9): 20. Apr. 27, 1940. (Published at 3116-18 Commerce St., Dallas, Tex.) 304.8 C822

Brief report of meeting of Oklahoma Cotton Ginner's Association, Oklahoma City, April 26, 1940.

1304. Resolutions adopted. Tex. Co-op. News 20(4): 6. Apr. 15, 1940. (Published by Texas Co-operative Publishing Co., Inc., 1100 South Ervay St., Dallas, Tex.) 72.9 T315F

Resolutions adopted at the annual meeting of Texas Co-operative Ginner's Association, held in Dallas, Apr. 2, 1940, are given.

1305. Roller ginning called needful for sea island. Stoneville laboratory warns saw-ginning sacrifices fine qualities. Cotton Trade Jour. 20(14): 5. Apr. 6, 1940. (Published at 810 Union St., New Orleans, La.) 72.8 C8214

"Comparative ginning tests, made on sea island (1-1/2 to 1-3/4 inch staple) cotton at the Cotton

Ginning Laboratory of the U. S. Department of Agriculture at Stoneville, Mississippi, with old style roller gins and modern saw gins definitely show that the desirable qualities of this long, fine staple cannot be preserved in the saw-ginning process."

Also in Cotton Digest 12(28): 10-11. Apr. 13, 1940.

1306. Sola, Jorge Luis. El funcionamiento de los Laboratorios de Desmote de Stoneville, Mississippi (EE.UU.) Argentine Republic. Junta Nacional del Algodon. Boletin Mensual no. 57, pp. 23-28. Jan. 1940. (Published at Buenos Aires, Argentina) 72.9 Ar3

The functions of the United States Cotton Ginning Laboratories, Stoneville, Mississippi.

See also Items nos. 1506, 1531, 1533, 1538, 1557, 1597, 1603, 1607.

Baling

1307. Cotton bagging to be talked at Atlanta meeting. Weight allowance pledges of mills expiring, unanimous action sought. Cotton Trade Jour. 20(14): 1, 8. Apr. 6, 1940. (Published at 810 Union St., New Orleans, La.) 72.8 C8214

The actual weight of various types of bale covering is given.

1308. Vergés, Urbano A. La cobertura de tela de algodón para fardos del mismo textil. Argentine Republic. Junta Nacional del Algodon. Boletin Mensual no. 57, pp. 15-22. Jan. 1940. (Published in Buenos Aires, Argentina) 72.9 Ar3

Covering of cotton cloth for bales of the same textile.

The use of cotton cloth as a bale covering material is discussed.

See also Items nos. 1318, 1433, 1523, 1524, 1533, 1602.

MARKETINGGeneral

1309. Cotton situation in United States improved over last year although world carry-over is large. Foreign consumption continues on upgrade due largely to war. Delta Council News 1(8): 4. Apr. 10, 1940. (Published by the Delta Council, Stoneville, Miss.)
1310. Revere, C. T. Factors surrounding the nearby cotton outlook. Textile Bul. 58(1): 40-41, 68. Mar. 1, 1940. (Published by Clark Publishing Co., 218 West Morehead St., Charlotte, N. C.) 304.8 So82

Demand and Competition

1311. Ashurst, Thomas. The effects of the war on the cotton trade. Textile Weekly 25(629): 338-339. Mar. 22, 1940. (Published at 49, Deansgate, Manchester, 3, England) 304.8 T3127
To be continued.
Extracts from address to British Association of Managers of Textile Works, March 2, 1940.
Effects of the war on the textile industry in Great Britain are described.
1312. Barker, S. G. Jute and its utilisation. Textile Inst. Jour. 31(2): P12-P17. Feb. 1940. (Published at 16 St. Mary's Parsonage, Manchester 3, England) 73.9 T31
A lecture to the Yorkshire section of the Textile Institute at Bradford, January 11, 1940.
Includes a table showing the relative resistance of jute, cotton, and other fibers to decay.
Also in Indus. Fibres Rev. 5(3): 43-48. Mar. 1940.
1313. Bonnet, F. Vinyon--a new textile fiber. Amer. Dyestuff Rptr. 29(5): P116-P118. Mar. 4, 1940. (Published by Howes Publishing Co., 440 4th Ave., New York, N. Y.) 306.8 Am3
Address presented at meeting New York Section, American Association of Textile Chemists and Colorists, January 26, 1940.

1314. British buying to end, Washington reports. Cotton Digest 12(26): 27. Mar. 30, 1940. (Published at 710 Cotton Exchange Bldg., Houston, Tex.)
286.82 C822

"Officials said that Great Britain while intending to reduce purchases here, is preparing to buy more cotton in South America than heretofore."

1315. British textile industry reported improvement in latter part of 1939. U. S. Bur. Foreign and Dom. Com. Com. Rpts. no. 13, pp. 296-297. Mar. 30, 1940. (Published in Washington, D. C.)
157 C76D

Brief survey of the year 1939.

1316. Casper, Karl. Zur frage des ausbaus der textilwirtschaft junger industrielande. V. Die Textilindustrie Rumaniens. Weltwirtschaftliches Archiv 51(1): 217-244. Jan. 1940. (Issued by Kiel. Universitat. Institut für Weltwirtschaft. Published by Gustav Fischer, Jena, Germany)
286.8 T462

The question of the development of the textile industry in young industrial lands. V. The Rumanian textile industry.

The contents of this study on the development of the Rumanian textile industry include its development up to the formation of Greater Rumania, industrialization in the post-war period, the growth of single branches and the structure attained in the industry as a whole, the degree of self-sufficiency and textile imports as a measure of textile industrialization, the problem of raw materials, and the Rumanian textile economy after the outbreak of the 1939 war.

1317. Cotton benefit seen in rising wood pulp cost. Competitive relationship with rayon and paper may be altered. Cotton Trade Jour. 20(16): 1, 7. Apr. 20, 1940. (Published at 810 Union St., New Orleans, La.) 72.8 C8214

1318. Cotton consumption. Cotton Trade Jour. 20(16): 2. Apr. 20, 1940. (Published at 810 Union St., New Orleans, La.) 72.8 C8214

An editorial urging net weight trading and increased exports of cotton and cotton products.

1319. Cotton fabric market situation. Amer. Wool and Cotton Rptr. 54(11): 1, 37-38. Mar. 14, 1940. (Published by Frank P. Bennett & Co., Inc., 530 Atlantic Ave., Boston, Mass.) 304.8 W88
An editorial.
1320. The cotton man should make the country cotton conscience. Cotton Digest 12(28): 3. Apr. 13, 1940. (Published at 710 Cotton Exchange Bldg., Houston, Tex.) 286.82 C822
An editorial urging the members of the cotton trade to increase their purchases of cotton articles.
1321. The cotton trade--home and overseas. How the war demand was met. Textile Mercury and Argus. 50th Ann. Trade Rev., pp. 9, 11. Feb. 23, 1940. (Published at 41, Spring Gardens, Manchester, England) 304.8 T318
Review of the British cotton textile industry in 1939.
1322. Cotton's assets and liabilities. Rayon Textile Mo. 21(4): 206. Apr. 1940. (Published at 303 Fifth Ave., New York, N. Y.) 304.8 R21
A tabulation showing gain, loss and present trend in the consumption of cotton by old and new uses.
1323. Duncan, Sir Andrew. Increasing our textile exports. Textile Weekly 25(630): 365. Mar. 29, 1940. (Published at 49, Deansgate, Manchester, 3, England) 304.8 T3127
Extracts from address to the Manchester Chamber of Commerce, Mar. 23, 1940.
1324. Duvel, J. W. T. War in Europe affects our cotton markets. Cotton Digest 12(26): 9. Mar. 30, 1940. (Published at 710 Cotton Exchange Bldg., Houston, Tex.) 286.82 C822
1325. [Empson, C.] Cotton piecegoods market in Egypt. Indian Trade Jour. 136(1754): 303-304. Feb. 1, 1940. (Published by the Department of Commercial Intelligence and Statistics, 1, Council House St., Calcutta, India) 286.8 In24
Extracts from Report on Economic and Commercial Conditions in Egypt, June 1939.

1326. Free use patent granted on new type textile fiber. Whittier and Gould, scientists of U. S. Agriculture dept., cover two new casein compositions. Daily News Rec. no. 91, p. 1. Apr. 17, 1940. (Published at 8 East 13th St., New York, N. Y.) 286.8 N48

1327. Ganapati Rao, S. The Indian cotton tariff--V. Recent trends in the size and distribution of the industry. Mysore Econ. Jour. 25(11): 368-371, 375. Nov. 1939. (Published in Bangalore City, Mysore, India) 280.8 M99

The author concludes, in part "That the development of the industry during a decade of protection has been noteworthy in every way and that its present stage is quite complimentary alike to the efficiency of the Indian industry and to the Government's timely help. That there is in recent years a gradual and steady shift of the industry from Bombay, the original home of the Indian Cotton Mill Industry, to other centres, particularly Ahmedabad." - Summary of Conclusions.

1328. Growing cottons exports to Scandinavia nipped. Foreign trade experts here doubt gains since war began can be maintained. Heavy duck, twill, drill, and denim involved. Daily News Rec. no. 85, p. 1, 27. Apr. 10, 1940. (Published at 8 East 13th St., New York, N. Y.) 296.8 N48

1329. Headlines won't eat up cotton surplus. Textile World 90(4): 48. Apr. 1940. (Published by McGraw-Hill Publishing Co., Inc., 330 West 42d St., New York, N. Y.) 304.8 T315

An editorial which states that agencies interested in the cotton surplus problem should focus their attention on the maintenance of present channels of consumption instead of "new uses" which use small quantities.

1330. Help use up cotton. Wallace's Farmer and Iowa Homestead 65(8): 283. Apr. 20, 1940. (Published at 1912 Grand Ave., Des Moines, Iowa) 6 W15
The cotton stamp plan is discussed.

1331. Heuser, K. v. Indiens baumwollindustrie einst und jetzt. Spinner und Weber 58(9): 19-20. Mar. 1, 1940. (Published in Pössneck, Germany) 304.8 Sp41
Indian cotton industry then and now.

1332. Hotchkiss, Willis L. The law of wage action. 238pp. Cleveland, Ohio, Eaton publishing co., [1936] 283 H79
Cotton, pp. 91-97. This chapter shows "how the payment of a \$3,000 a year wage level would affect the cost of" cotton goods.
1333. Increased world demand for cotton. Fed. Reserve Bul. 26(3): 186-187. Mar. 1940. (Published by the Board of Governors of the Federal Reserve System, Washington, D. C.) 173 F31B
The present world cotton situation is described.
1334. [Jacobs, William P.] Jacobs assails 'stock phobia', urges sounder merchandising. Jour. Com. [N. Y.] 184(14190): 10, 12. Mar. 27, 1940. (Published at 63 Park Row, New York, N. Y.) 286.8 J82
Extracts from address on "Phases of the Print Cloth Picture," before the Textile Square Club, March 26, 1940.
Problems of the cotton textile industry were discussed.
Also in Fibre & Fabric 93(2878): 6-8. Mar. 30, 1940.
1335. Japan and India renew cotton-trade agreement. U. S. Dept. Agr. Off. Foreign Agr. Relat. Foreign Crops and Markets 40(15): 436-437. Apr. 13, 1940. (Published in Washington, D. C.) 1.9 St2F
1336. Japan seeks new cotton stocks. Cotton Digest 12(29): 8. Apr. 20, 1940. (Published at 710 Cotton Exchange Bldg., Houston, Texas) 286.82 C822
An editorial commenting on the trade agreement under which Japanese textiles will be exchanged for Indian cotton.
1337. Keller, Lillian L. Boost cottons! Prog. Farmer (Tex. ed.) 55(5): 38. May 1940. (Published at 1105 Southland Life Annex, Dallas, Tex.) 6 T311
The use of 10 million instead of 7 1/2 million bales of cotton per year by the people of the United States is urged.
1338. Kelley, Robert R. Buying industrial textiles. Factors which make purchasing agents enter market. Not interested in speculative profit. Suggestions on methods. Amer. Wool and Cotton Rptr. 54(11): 19, 26. Mar. 14, 1940. (Published by Frank P.

Bennett & Co., Inc., 530 Atlantic Ave., Boston, Mass.) 304.8 W88

"From address of Robert R. Kelley before the Textile Square Club in New York."

1339. Lowe, B. T. Lowe cites trade pact benefits to cotton, asks program support. Points out that farm exports to trade agreement countries prosper. Cotton Trade Jour. 20(15): 3. Apr. 13, 1940. (Published at 810 Union St., New Orleans, La.) 72.8 C8214

1340. Manchester statistical society. Transactions... session 1938-39. Various paging. Manchester, Norbury, Lockwood & Co., Ltd. [1939] 251 M31
Wage rates and earnings in cotton weaving, by E. M. Gray, 22pp.

The author suggests the following conclusions regarding the textile industry in Great Britain:
"(a) Before the war, right up to 1931, earnings rose faster than wage rates because output per head was increasing; during this period the industry was expanding, and new and improved looms were being laid down. (b) Since the war, output per head has remained almost stationary... (c). As long as these conditions prevail, earnings can only be appreciably increased by raising wage rates, but this will mean increasing costs of production."

1341. Memphis premier for cotton stamp program is plan. FSCC reports assurances of fullest cooperation from local authorities. Cotton Trade Jour. 20(14): 1, 5. Apr. 6, 1940. (Published at 810 Union St., New Orleans, La.) 72.8 C8214

"The Cotton Stamp program to move surplus cotton goods to public assistance families through normal channels of trade will be tried out" in Memphis. The plan is outlined.

Also noted in Cotton Digest 12(27): 7. Apr. 6, 1940.

1342. [Murchison, Claudius T.] Murchison sees "greatest prosperity era" on way no matter who wins election. President of the Cotton-textile institute, in talk to Alabama mill men, declares there is no basis for extreme pessimism about industry's condition--believes stocks are generally light. Daily News Rec. no. 81, pp. 1, 8. Apr. 5, 1940. (Published

at 8 East 13th St., New York, N. Y.) 286.8 N48
 Address before the annual convention, Alabama
 Cotton Manufacturers Association, Mobile, Apr.
 4-5, 1940.

1343. [Redmond, Paul A.] Paul A. Redmond urges check on
 Japanese cloth. Daily News Rec. no. 81, p. 8.
 Apr. 5, 1940. (Published at 8 East 13th St., New
 York, N. Y.) 286.8 N48

Extracts from address before the annual con-
 vention, Alabama Cotton Manufacturers Association,
 Mobile, Apr. 4-5, 1940.

Efforts to overcome the competition of cheap
 Japanese cotton goods were discussed.

1344. [Reiss Bros.] Lancashire turns to other growths in
 export drive. Liverpool firm sees "swing over in
 consumption to detriment of American." Cotton
 Trade Jour. 20(15): 6. Apr. 13, 1940. (Published
 at 810 Union St., New Orleans, La.) 72.8 C8214

1345. Some characteristics of kapok fibers. Thin cell wall,
 empty central position and bending ability. Buoy-
 ancy due to air space not light specific gravity.
 Amer. Wool and Cotton Rptr. 54(11): 13-14, 42.
 Mar. 14, 1940. (Published by Frank P. Bennett &
 Co., Inc., 530 Atlantic Ave., Boston, Mass.)
 304.8 W88

A comparison of kapok and cotton is included
 in the study.

1346. Sommer, Robert. Economic alliance of France, England,
 includes colonies. Consequences from cotton stand-
 points to be small, Parisian view. Cotton Trade
 Jour. 20(16): 6. Apr. 20, 1940. (Published at
 810 Union St., New Orleans, La.) 72.8 C8214

1347. Swiss deliveries difficult though offerings ample.
 Zurich correspondent tells how cotton trade func-
 tions under handicap. Cotton Trade Jour. 20(14):
 3. Apr. 6, 1940. (Published at 810 Union St.,
 New Orleans, La.) 72.8 C8214

The cotton market situation in Switzerland is
 described.

1348. Textile raw materials situation discussed from German
 viewpoint. German Institute for business research
 weighs war-made shifts. Cotton Trade Jour.
 20(17): 6. Apr. 27, 1940. (Published at Cotton
 Exchange Bldg., New Orleans, La.) 72.8 C8214

1349. U. S. Dept. of agriculture. Office of foreign agricultural relations. Yugoslav market for American cotton. U. S. Dept. Agr. Off. Foreign Agr. Relat. Foreign Crops and Markets 40(13): 376-377. Mar. 30, 1940. (Published in Washington, D. C.)
1.9 St2F
1350. U. S. National youth administration. South Carolina. A vocational guidance study of the textile industry in South Carolina. 103, [36]pp., processed. Columbia, S. C., 1939.
Bibliography: p. [36]
1351. Villamin, Vicente. Asks U. S. gold loans for China to aid in building mills there. American-Chinese-Japanese cooperation would be warranted, says Villamin. Cotton Trade Jour. 20(17, sec. 2): 11. Apr. 27, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214
The text of a radio address on ways of increasing foreign consumption of American cotton, sponsored by the State-Wide Cotton Committee of Texas is given.
1352. Williamson, H. H. Expand cotton consumption as part of farm program. U. S. Ext. Serv. Ext. Serv. Rev. 11(4): 51. Apr. 1940. (Published in Washington, D. C.) I Ex892Ex
The author concludes that "the agricultural and business leaders of the cotton-growing States, working cooperatively and in cooperation with the Secretary of Agriculture, should launch a well-planned 10-year program for expanded domestic consumption of cotton."
1353. Wool made from cotton developed. Cotton Digest 12(30): 33. Apr. 27, 1940. (Published at 710 Cotton Exchange Bldg., Houston, Tex.)
286.82 C822
Process developed by the Cotton Research Foundation for the manufacture of fiber from cottonseed protein is noted.
1354. World rayon production. Continuous filament yarn and staple fibre output details up to end 1939. Textile Weekly 25(631): 400. Apr. 5, 1940. (Published at 49, Deansgate, Manchester, 3, England)
304.9 T3127
Tables showing estimated world production of staple fiber and filament rayon for 1939 and earlier years are given.

See also Items nos. 1309, 1356, 1361, 1365, 1378, 1386, 1405, 1478, 1485, 1488, 1500, 1548, 1556, 1559, 1562, 1564, 1574, 1586, 1587, 1593, 1604, 1605, 1607, 1612.

Supply and Movement

1355. Announce subsidy program quickly is Anthony plea. American association head praises cooperation of U. S. agencies. Cotton Trade Jour. 20(17): 1, 4. Apr. 27, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214
Extracts from address of Marc Anthony before the annual convention of the American Cotton Shippers Association, New Orleans, Apr. 26-27, 1940.
Also in Cotton Digest 12(30): 4-5, 32. Apr. 27, 1940.
1356. Baumwollindustrie und baumwollversorgung im kriege. Spinner und Weber 58(9): 18-19. Mar. 1, 1940. (Published in Pössneck, Germany) 304.8 Sp41
Cotton industry and cotton supply in the war.
1357. Brazil--raw cotton exports--year 1939. Cotton [Manchester] 45(2204): 9. Mar. 30, 1940. (Published by the Manchester Cotton Association, Limited, 411 4th Floor, Royal Exchange, Manchester 2, England) 304.8 C826
Statistics of exports, by country, for 1938 and 1939 are given.
1358. Brazilian cotton. Brazil 12(136): 16. Mar. 1940. (Published by the American Brazilian Association, 17 Battery Place, New York, N. Y.)
A resumé of the cotton situation in Brazil, with particular attention to the state of São Paulo.
1359. British cotton import quota may be reduced. Jour. Com. [N. Y.] 184(14208): 14. Apr. 17, 1940. (Published at 63 Park Row, New York, N. Y.) 286.8 J82
The present quota of 100,000 bales per month may be reduced to 50,000 bales beginning May 1.
1360. La calidad de la fibra de algodón producida en la campaña 1938-39. Argentine Republic. Junta Nacional del Algodón. Boletín Mensual no. 57, pp. 8-14. Jan. 1940. (Published in Buenos Aires, Argentina) 72.9 Ar3
The quality of the cotton fiber produced in the 1938-39 season [in Argentina]

1361. Caterson, Herbert. Foreign cotton crop supply found being cut by war. Domestic consumption in Brazil and India said to increase because of emergency conditions in Europe. Daily News Record no. 59, pp. 1, 16. Mar. 11, 1940. (Published at 8 East 13th St., New York, N. Y.) 286.8 N48
1362. Cotton subsidy menaces Brazil, Sao Paulo view. "We will have no stable markets until this matter is settled." Cotton Trade Jour. 20(16): 6. Apr. 20, 1940. (Published at 810 Union St., New Orleans, La.) 72.8 C8214
1363. The export outlook. Cotton Trade Jour. 20(15): 2. Apr. 13, 1940. (Published at 810 Union St., New Orleans, La.) 72.8 C8214
An editorial.
1364. Filipino explains isle's cotton outlook. Cotton Digest 12(27): 12. Apr. 6, 1940. (Published at 710 Cotton Exchange Bldg., Houston, Tex.) 286.82 C822
Vincente Villamin is quoted as saying the Philippines "could grow cotton of a quality comparable to the best grown in the U. S." but is not likely to at present.
1365. Hubbard, Deborah A. Brazil now a ranking source for Japanese cotton. Far East. Survey 9(4): 45-46. Feb. 14, 1940. (Published by the American Council, Institute of Pacific Relations, Inc., 129 E. 52nd St., New York, N. Y.) 280.9 In782
"The jump from 375 bales in 1933 to 275,000 bales in the first eleven months of 1939, has placed Brazil with the United States and India among the three principal sources of raw material for the Japanese cotton textile industry. From the Brazilian point of view, Japan has become equally important as a customer, taking about 22% of Brazil's total cotton export of around one million bales annually, in 1936, 1937 and 1938."
1366. [India. Indian central cotton committee] Cotton forecast improvement scheme. Indian Textile Jour. 50(593): 145-146. Feb. 1940. (Published at Military Square, Fort, Bombay, India) 304.8 In2
Final report on the scheme to improve forecasts of cotton production in India.

1367. India. Indian central cotton committee. Exports by sea of Indian raw cotton classified by varieties. 1938-39 season. India. ~~Indian~~ Cent. Cotton Com. Statis. Leaflet 4, 6th issue, 3pp. Bombay, 1939.
1368. Knell, Frank J. U. S. A. cotton has a brighter outlook. Textile Mercury and Argus. 50th Ann. Trade Rev. p. 19. Feb. 23, 1940. (Published at 41 Spring Gardens, Manchester, England) 304.8 T318
1369. Kreibohm de la Vega, G. A. Plan general de fomento algodouero, campaña 1939-1940. Tucumán. Revista Industrial y Agrícola 29(7-9): 182-187. July-Sept. 1939. (Published by Tucumán Agricultural Experiment Station, Tucumán, Argentina) 9 T79
General plan of cotton development, season 1939-1940.
1370. Liverpool cotton association, ltd. Annual circular. Account of weekly import, forwarded and export of cotton for Great Britain, also stock and quotations of cotton in Liverpool, etc., during the season 1938-39. 4pp. Liverpool, 1939. 72.9 L75L
Tables.
1371. MacDonald, S. G. Peruvian cotton exports and production in 1939. Canada Dept. Trade and Com. Com. Intel. Jour. 62(1883): 345-346. Mar. 2, 1940. (Published in Ottawa, Canada) 286.8 C16
1372. Newburger, Kirby. Kirby Newburger discusses near position, supply. Can see possible satisfaction of demand by existing supplies. Cotton Trade Jour. 20(17, sec. 2): 16. Apr. 27, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214
Discussion of the present cotton situation.
1373. A nova safra algodoeira. Revista do Algodão 10(53): 2994-2995. Jan. 1940. (Published at Rua de S. Bento, 389, São Paulo, Brazil)
An account of the cotton harvest.
A table showing the production of cotton in Brazil in 1938/39 is included.
1374. Patch, Buel W. Cotton exports and export subsidies. Editorial Res. Rpts. 2(10): 187-200. Sept. 1, 1939. (Published at 1013 Thirteenth St., N. W., Washington, D. C.) 280 Ed42
Contents: Scheduled international cotton confer-

ence, pp. 187-188; U. S. cotton exports and export markets, pp. 189-193; American production and price controls, pp. 193-197; Subsidy program and international control, pp. 197-200.

1375. Position of raw cotton. Interesting developments in production and distribution throughout the world. Only better land cultivated in America. Textile Mercury and Argus. 50th Ann. Trade Rev., pp. 13, 15. Feb. 23, 1940. (Published at 41, Spring Gardens, Manchester, England) 304.8 T318

1376. La produccion de algodón en 1938-39 ascendió a 70.891 toneladas. Argentine Republic. Junta Nacional del Algodón. Boletín Mensual no. 57, pp. 3-4. Jan. 1940. (Published in Buenos Aires, Argentina) 72.9 Ar3

The production of cotton [in Argentina] in 1938-39 amounted to 70,891 tons.

1377. La produccion de algodón en 1938-39 por provincias y territorios. Argentine Republic. Junta Nacional del Algodón. Boletín Mensual no. 57, p. 7. Jan. 1940. (Published in Buenos Aires, Argentina) 72.9 Ar3

The production of cotton [in Argentina] in 1938-39 by provinces and territories.

1378. Ruprecht, Paul. Russlands Baumwollindustrie und -erzeugung. Klepzig's Textil-Zeitschrift 43(4): 101-102. Jan. 24, 1940. (Published at Taugchenweg 23, Leipzig 01, Germany) Bur. Stand.

Russian cotton industry and production.

"Developments in the Russian cotton industry and in the cultivation of cotton in Russia prescribed by the third five-year plan are briefly discussed. Production of cotton fabric is to be increased to reach 4.9 milliard metres in 1942, an increase of 40 per cent. on the 1937 production. For this purpose new factories and extensions to existing factories are being planned. Larger areas are being devoted to the cultivation of cotton in both Asiatic and European regions, irrigation systems are being put into operation, and new varieties of cotton giving high yields are being developed. Production of raw cotton has increased from 1.12 million bales in 1928 to 3.8 million bales in 1937. Owing to bad weather the figure was lower in 1938 but the 1939 figure is expected to be higher. Cotton consumption in Russia

amounted to 1.63 million bales in 1928 and 2.767 million bales in 1938. In 1936 Russia exported 31,550 bales, the exports going to America, Holland, France, England, Germany and Poland. About 560,000 bales were available for export in 1939. In that year Russia imported 77,000 bales of which 66,616 bales were imported from Iran. Tadschikistan cotton is said to be superior in length and quality to the best Egyptian and American varieties. - C." - Brit. Cotton Indus. Res. Assoc. Sum. Cur. Lit. 20(4): 91-92. Feb. 29, 1940.

1379. Russia--Extending the area under Egyptian cotton in Tajikistan. Textile Weekly 25(629): 337. Mar. 22, 1940. (Published at 49, Deansgate, Manchester, 3, England) 304.8 T3127
"Extension of the area planted to cotton by 96,500 acres" is provided for.
1380. Selling our cotton abroad. Jour. Com. [N. Y.] 184(14210): 2. Apr. 19, 1940. (Published at 63 Park Row, New York, N. Y.)
Editorial on the probable decline in exports of cotton from the United States next year.
1381. South Africa. Dept. of agriculture and forestry. Division of animal and crop production. Review of 1938-39 cotton crop. 2pp. Pretoria, Govt. print., 1940. 270 So8322
Statistics of area, production, staple length and grade are given.
1382. Todd, John A. Cotton statistics. Indian cotton crop statistics, other crops and prices. Textile Mfr. 66(783): 90-91. Mar. 1940. (Published by Emmott & Co., Ltd., 31 King St. West, Manchester, 3, England) 304.8 T3126
Tables showing production in India, Asia Minor and Europe, and spot prices of American cotton, are given.
1383. Todd, John A. Cotton statistics. Relative accuracy of seasonal Egyptian forecasts; areas producing long staple cottons; trends in Brazilian cotton production. Textile Mfr. 46(782): 46-47. Feb. 1940. (Published by Emmott and Co., Ltd., 31, King St., West, Manchester, 3, England) 304.8 T3126

1384. Turgey, S. Necati. La question cotonnière en Turquie. Coton et Culture Cotonnière 13(2 & 3): 51-53. Dec. 1939. (Published at 34, Rue Hamelin, Paris, France) 72.8 C821
The cotton question in Turkey.
1385. U. S. Dept. of agriculture. Agricultural marketing service. Arkansas cotton, estimated acreage, yield, and production, 1928-1939, by counties [by Stuart L. Bryan] 13pp., processed. Washington, 1940.
Issued in cooperation with the Bureau of Crop Estimates of the Arkansas Agricultural Experiment Station.
1386. [U. S. Dept. of agriculture. Agricultural marketing service] Points affecting cotton producers. Cotton Digest 12(29): 10. Apr. 20, 1940. (Published at 710 Cotton Exchange Bldg., Houston, Tex.) 286.82 C822
Report of discussion entitled, Cotton Situation, broadcast April 12, 1940.
1387. [U. S. Dept. of agriculture. Agricultural marketing service] See Brazilian cotton production efficiency as challenge to U. S. Agricultural marketing service radiocast tells of advances. Cotton Trade Jour. (Atlantic Cotton Assoc. Convention ed.) 20(15): 4. Apr. 13, 1940. (Published at 810 Union St., New Orleans, La.) 72.8 C8214
Report of discussion entitled, Cotton in Brazil, broadcast April 11, 1940.
Also in Cotton Digest 12(29): 10-11. Apr. 20, 1940.
1388. U. S. Dept. of agriculture. Office of foreign agricultural relations. 1938-39 southern Brazil cotton crop slightly higher than previous year. U. S. Dept. Agr. Off. Foreign Agr. Relat. Foreign Crops and Markets 40(14): 402-404. Apr. 6, 1940. (Published in Washington, D. C.) 1.9 St2F
Tables show acreage, production, and exports of cotton for Brazil, 1930-31 to 1938-39, and exports by countries of destination, 1937 to 1939.

See also Items nos. 1272, 1309, 1318, 1333, 1405, 1511, 1512, 1534, 1541, 1542, 1546, 1555, 1581, 1582, 1587, 1591, 1595, 1602, 1603, 1607.

Prices

1389. Argentine cotton spinners agree to fixed fiber price. Daily News Rec. no. 97, p. 23. Apr. 24, 1940. (Published at 8 East 13th St., New York, N. Y.) 286.8 N48

The price agreed upon for a six-month period is 85 Argentine centavos per kilo.

Also reported in U. S. Dept. Agr. Off. Foreign Agr. Relat. Foreign Crops and Markets 40(17): 482. Apr. 27, 1940.

1390. Conference on price research. Committee on textile price research. Textile markets, their structure in relation to price research; report of the Committee on textile price research to the Conference on price research. 266pp. New York, National bureau of economic research, 1939. (Half-title: [Conference on price research] Price studies, no. 2) 284.3 C7622

The preface is signed by Stephen J. Kennedy, chairman of the Committee on Textile Price Research.

"In view of the multitude of markets and the almost limitless implications that arise when one attempts to isolate a single project for study, the Committee has chosen to chart areas of study rather than to formulate specific research projects. In outlining these areas the approach has been to emphasize questions, issues, relations rather than methods of attack and sources of data." - Preface.

1391. Cotton straddles lifted. Business Week, Apr. 6, 1940, p. 50. (Published by McGraw-Hill Publishing Co., Inc., 330 West 42nd St., New York, N. Y.)

The effect of the lifting of the Bombay straddles on the price of American cotton is noted.

1392. Coulson, A. F. W. Cotton yarn price calculator. A slide-rule method of instant reckoning of cotton yarn selling prices applying the margins of the Cotton control. Textile Mfr. 66(783): 104-105. Mar. 1940. (Published by Emmott & Co., Ltd., 31 King St. West, Manchester, 3, England) 304.8 T3126

1393. The decline in Indian cotton. Jour. Com. [N. Y.] 184(14193): 2. Mar. 30, 1940. (Published at 63 Park Row, New York, N. Y.) 286.8 J82

Editorial on the probable effect on American cotton prices of the decline in prices of Indian cotton.

1394. Hamdi, Mohamed, Bey. L'influence de la guerre sur le prix du coton. Société Belge d'Études et d'Expansion, Liège. Bulletin Bimestriel 38(118): 650-652. Dec. 1939. (Published at Avenue Rogier, 12, Liège, Belgium) 280.8 S017

The influence of the war on the price of cotton.

The author gives his reasons for predicting that cotton prices will reach a high level during the present war, and compares the situation with the one existing during the World War of 1914-18 when cotton prices went down during the first few months of the war due to the general uncertainty, and then gradually climbed. Egypt's exports of cotton, notwithstanding the difficulties in transporting it, were for the period September 1st to November 3rd, 1939, 1,546,000 cantars as against 1,240,000 cantars for the same period in 1938.

1395. Moore, Frederick. Parity price adjustments. They tend to destroy the urge for agricultural and industrial progress. Textile Bul. 58(1): 28, 30, 100-101. Mar. 1, 1940. (Published by Clark Publishing Co., 218 West Morehead St., Charlotte, N. C.) 304.8 S082

1396. Para defender los precios del algodón los colonos del Chaco necesitan tener una amplia representación en Buenos Aires. Los productores por la distancia y por carecer del amplio y rápido conocimiento de las fluctuaciones del mercado interno y externo no reciben el justo valor de su trabajo. Gaceta Algodonera 16(193): 3. Feb. 29, 1940. (Published at Reconquista 331, Buenos Aires, Argentina) 72.8 G11

In order to defend the prices of cotton the planters of the Chaco need to have an increased representation in Buenos Aires. Producers, because of distance and lack of extensive and quick information of the fluctuations of the foreign and domestic market have not received a just value for their labors.

1397. Price control and the textile industry. Indian Textile Jour. 50(593): 130. Feb. 1940. (Published at Military Square, Fort, Bombay, India) 304.8 In2
Editorial on the effect of war on cloth prices in India.

See also Items nos. 1370, 1382, 1414, 1526, 1537, 1541, 1544, 1595, 1612.

Marketing and Handling Methods and Practices

1398. Change due in Liverpool contract. Cotton Digest 12(29): 8. Apr. 20, 1940. (Published at 710 Cotton Exchange Bldg., Houston, Tex.) 286.82 C822
Editorial comment on the announcement that trading in the American cotton futures contract has been prohibited beyond the July 1941 contract.
1399. Changes proposed in Liverpool futures contract to affect American cotton. U. S. Dept. Agr. Off. Foreign Agr. Relat. Foreign Crops and Markets 40(15): 437-438. Apr. 13, 1940. (Published in Washington, D. C.) 1.9 St2F
1400. [Fewell, T. M.] Hit government domination of futures market. Fewell points to unhedged government risks and narrowing of market. Cotton Trade Jour. (Atlantic Cotton Assoc. Convention ed.) 20(15): 4. Apr. 13, 1940. (Published at 810 Union St., New Orleans, La.) 72.8 C8214
1401. Foreign futures changes explained. Cotton Digest 12(30): 7. Apr. 27, 1940. (Published at 710 Cotton Exchange Bldg., Houston, Tex.) 286.82 C822
"The recent announcement of the Liverpool Cotton Association to limit trading in the association's American futures contracts in any month of delivery beyond July, 1941," is explained.
1402. [Houston cotton exchange and board of trade] Houston by-law. Cotton Digest 12(28): 15. Apr. 13, 1940. (Published at 710 Cotton Exchange Bldg., Houston, Tex.) 286.82 C822
The text of the addition to the by-law regarding samples for classification, adopted at the annual meeting of the exchange on April 3, 1940, is given.

1403. Spanish cotton purchasing plan meets criticism.
 "Satisfactory reference" is provision said to be ill received. Cotton Trade Jour. 20(16): 5. Apr. 20, 1940. (Published at 810 Union St., New Orleans, La.) 72.8 C8214
 A policy adopted by the Subcomision Reguladora del Algodon is discussed.
1404. Thieullent, Henri. Les marchés à terme en France. Leur utilité. Société Belge d'Etudes et d'Expansion, Liege Bulletin Bimestriel 38(118): 663-666. Dec. 1939. (Published at Avenue Rogier, 12, Liège, Belgium) 280.8 S017
 The futures markets in France. Their utility. Includes mention of the cotton futures market in Havre.

See also Items nos. 1318, 1514, 1541, 1557, 1591, 1604, 1609.

Marketing Services and Facilities

1405. Accord Hungarian spinners credits for 20,000 bales. Export-import bank to finance purchases up to million dollars. Cotton Trade Jour. 20(14): 1, 3. Apr. 6, 1940. (Published at 810 Union St., New Orleans, La.) 72.8 C8214
 "Hungarian spinners have been accorded Export-Import Bank credits, in the sum of \$1,000,000, to finance imports by that country of approximately 20,000 bales of American-grown cotton."
1406. American-Egyptian new standards. Cotton Digest 12(26): 30. Mar. 30, 1940. (Published at 710 Cotton Exchange Bldg., Houston, Tex.) 286.82 C822
 "The agricultural marketing service has announced revised grade standards for American-Egyptian Pima cotton and new grade standards for American-Egyptian SXP cotton."
1407. Barton, James. Showdown nears on exchange question. Cotton Digest 12(30): 14-15. Apr. 27, 1940. (Published at 710 Cotton Exchange Bldg., Houston, Tex.) 286.82 C822
 The question of extending credits to belligerent nations for the purchase of cotton and other agricultural products is discussed.

1408. Carolinas cotton warehousemen in meet at Charlotte. Cotton Trade Jour. 20(14): 3. Apr. 6, 1940. (Published at 810 Union St., New Orleans, La.) 72.8 C8214

Brief report of meeting of Carolinas Cotton Warehouse Association, March 28-29, 1940.

Also reported in Cotton Digest 12(27): 12. Apr. 6, 1940.

1409. Colvin, Esther M., comp. Transportation of agricultural products in the United States 1920-June 1939; a selected list of references relating to the various phases of railway, motor and water carrier transportation. Part II-III. U. S. Dept. Agr. Bur. Agr. Econ. Agr. Econ. Bibliog. 81, 2 pts. processed. Washington, 1939.

Contents: Pt. II. Highway, rail and water transportation. Pt. III. Index to parts I and II. For items relating to cotton, consult the index.

1410. Equity holders hit by terms of loan extension. 1938 cotton loan extended year but with strings on all but producer. Cotton Trade Jour. 20(14): 1. Apr. 6, 1940. (Published at 810 Union St., New Orleans, La.) 72.8 C8214

The Commodity Credit Corporation has announced that the "maturity of its loans on 1938 crop cotton has been extended one year to July 31, 1941."

Also noted in Cotton Digest 12(27): 7. Apr. 6, 1940.

1411. Government extends cotton warehouse rates. Cotton Digest 12(29): 8. Apr. 20, 1940. (Published at 710 Cotton Exchange Bldg., Houston, Tex.) 286.82 C822

An editorial which states in conclusion: "Now the government has announced extension of the 1939-40 cotton loans for another year from July 31, 1940. This means an extension for another year for the warehousemen on much of the cotton they are now storing at a rate which has been dictated by what amounts to a government monopoly on United States stocks of cotton."

1412. Houston trade doubles in '39-'40. Cotton Digest 12(27): 10. Apr. 6, 1940. (Published at 710 Cotton Exchange Bldg., Houston, Tex.) 286.82 C822

Brief report of the annual meeting of the Houston Cotton Exchange and Board of Trade, April, 1940.

1413. Jacob, A. W. 4-H boys market cotton. U. S. Ext. Serv. Ext. Serv. Rev. 11(4): 54. Apr. 1940. (Published in Washington, D. C.) 1 Ex892Ex
Development of 4-H Club classing schools in Oklahoma is described.
1414. Loan repossession cost is near 9.35c. Cost February to July, '41, 9.30c to 10.07c, trade calculates. Jour. Com. [N. Y.] 184(14208): 14. Apr. 17, 1940. (Published at 63 Park Row, New York, N. Y.) 280.8 J82
1415. Lütjohann, Carlos E. El mercado de algodón de Buenos Aires. Gaceta Algodonera 16(193): 13-15. Feb. 29, 1940. (Published at Reconquista 331, Buenos Aires, Argentina) 72.8 G11
The Mercado de Algodón of Buenos Aires.
1416. [Montgomery, L. E.] Vital services by shippers to trade recounted. Southern cotton shippers association president reviews accomplishments. Cotton Trade Jour. 20(16): 1, 7. Apr. 20, 1940. (Published at 810 Union St., New Orleans, La.) 72.8 C8214
Extracts from address before 25th annual convention, Southern Cotton Shippers Association, Memphis, Apr. 20, 1940.
Also in Cotton Digest 12(29): 12-14. Apr. 20, 1940.
1417. New group formed by warehousemen. Cotton Digest 12(28): 9. Apr. 13, 1940. (Published at 710 Cotton Exchange Bldg., Houston, Tex.) 286.82 C822
The new organization will be named the Mississippi Valley Interior Cotton Compress and Cotton Warehouse Association.
1418. [Revere, C. T.] Revolving credit for cotton sales abroad proposed. Daily News Rec. no. 97, p. 11. Apr. 24, 1940. (Published at 8 East 13th St., New York, N. Y.) 286.8 N48
1419. Swapping of poor government cotton for better types hit. Daily News Rec. no. 87, p. 18. Apr. 12, 1940. (Published at 8 East 13th St., New York, N. Y.) 286.8 N48
Resolutions adopted by the Louisiana Cotton Co-operative Association at its annual meeting held in New Orleans, Apr. 1940, are noted.

1420. Uncle Sam fixes cotton standards. Prog. Farmer (Miss. Val. ed.) 55(3): 9. Mar. 1940. (Published at Cotton Exchange Bldg., Memphis, Tenn.) 6 So81

Photographs showing some steps involved in the preparation of the standards by the U. S. Department of Agriculture are given.

1421. [U. S. Dept. of agriculture. Agricultural marketing service] Apply early for free classing. Prog. Farmer (Tex. ed.) 55(5): 18. May 1940. (Published at 1105 Southland Life Annex, Dallas, Tex.) 6 T311

Closing dates for applications from one-variety communities for classification of 1940 cotton are given.

1422. [U. S. Dept. of agriculture. Agricultural marketing service] Radio talks tell of free classing, 64,000 are helped. Cotton Trade Jour. 20(17, sec. 2): 12, 16. Apr. 27, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214

The classing service under the Smith-Doxey Act is described.

See also Items nos. 1423, 1426, 1526, 1547, 1557, 1561, 1563, 1604, 1607, 1611.

Marketing Costs

1423. Severance, J. L. Cotton insurance basis adjustment for 1941 proposed. Settlements may be rated on middling 15-16th-inch for commercial stock. Loan staple may still be valued on 7/8-inch. No decision on overlapping policies as shippers, underwriters, warehousemen meet. Jour. Com. [N. Y.] 184(14183): 1, 7. Mar. 19, 1940. (Published at 63 Park Row, New York, N. Y.) 286.8 J82

See also Items nos. 1411, 1426, 1545.

Cooperation in Marketing

1424. Andrews, Stanley. Co-op service tree like Jack's beanstalk. Amer. Cotton Grower 5(11): 8-9. Apr. 1940. (Published at 535 Gravier St., New Orleans, La.) 72.8 Am32

An account of the development of the North Carolina Cotton Growers Cooperative Association.

1425. Las cooperativas algodonerías Saenz Peña y El Progreso han adopto un nuevo sistema de comercialization del algodón en bruto. Gaceta Algodonera 16(193): 7. Feb. 29, 1940. (Published at Reconquista 331, Buenos Aires, Argentina) 72.8 G11

The Saenz Peña and El Progreso cotton cooperatives have adopted a new system of marketing raw cotton.

1426. Efforts of cotton co-ops means \$700,000 yearly saving to Texas-Oklahoma cotton farmers. Freight rate reduction approved. Another service of cotton co-ops takes definite and tangible form to members and non-members alike. Tex. Co-op. News 20(4): 3. Apr. 15, 1940. (Published by Texas Co-operative Publishing Co., Inc., 1100 South Ervay St., Dallas, Tex.) 72.9 T315

See also Items nos. 1513, 1517, 1519, 1525.

UTILIZATION

Fiber, Yarn and Fabric Quality

1427. [American society for testing materials. Committee D-13] Textile materials, Charlotte, N. C., meeting of Committee D-13. A. S. T. M. Bul. no. 103, pp. 47-48. Mar. 1940. (Published at 20th and Northampton Sts., Easton, Pa.)

Brief report of meeting held in Charlotte, N. C., Mar. 13 and 14, 1940.

Also reported in Cotton [Atlanta] 104(4): 84-85. Apr. 1940.

1428. Baroni, A. Acqua di costituzione e di idratazione delle fibre tessili animali e vegetali. Gazzetta Chimica Italiana 69(7): 435-443. July 1939. (Published at Via Quattro Novembre, 154, Rome, Italy) 385 G25

Water in the constitution and the hydration of animal and vegetable textile fibers.

"Silk (dried at 140° C.) and wool, cotton and cuprammonium, viscose and acetate rayons (dried at 110° C.) were exposed at 25° C. to air at various humidities and the absorption determined as a function of time. The fibres were then immersed in water in a Dewar thermostat and the 'intermediate heats of swelling' determined from the rises in temperature. 'Total heats of swelling' were

determined by immersing the dried fibres in water at 30°, in the calorimeter. The heat of swelling/-moisture curves for cotton and rayon were relatively continuous but those for silk and wool rose sharply at 1.5 and 2 per cent. moisture content. The animal fibres are believed to hold water in two forms (a) constitution, and (b) hydration. The heat of hydration is not more than one-third of the total heat at a moisture content of 5 per cent. and only one-tenth at 10 per cent. - C." - Brit. Cotton Indus. Res. Assoc. Sum. Cur. Lit. 20(6): 136. Mar. 30, 1940.

1429. Burgess, Robert. Uniformity of cotton yarns depends on careful, frequent testing at each step in processing. Textile World 90(4): 95. Apr. 1940. (Published by McGraw-Hill Book Co., Inc., 330 West 42d St., New York, N. Y.) 304.8 T315

1430. Campbell, Malcolm E. Standards for appearance of cotton yarn. 8pp., processed. Washington, U. S. Dept. of agriculture, Agricultural marketing service, 1940.

"'Appearance' of cotton yarn refers to the relative evenness, smoothness, and freedom from foreign matter of the yarn as noted by a visual examination of it."

1431. Dolmetsch, H., and Reinecke, F. Cellulose products; chain length distribution in-- Brit. Cotton Indus. Res. Assoc. Sum. Cur. Lit. 20(5): 106-107. Mar. 15, 1940. (Published in Didsbury, England)

From Zellwolle 5: 219-227, 299-307. 1939.

"The possibility of separating a sample of cellulose into fractions of different degrees of polymerisation is discussed and a study is made of the alkali-solubility of cellulose and of the influence on this solubility of such factors as the degree of crystallisation of the cellulose, the time of action, temperature and concentration of the alkali, stepwise or sudden action of swelling agents, washing conditions and drying. A method for the fractionation of cellulose with 10 per cent. caustic soda at different temperatures is described in detail. A similar study is made of the influence of various factors on the fractionation of nitrocellulose by solution in solvent-precipitating agent mixtures of different concentrations and methods for the nitra-

tion of cellulose without degradation or loss of fibre structure and the fractionation of the nitrated cellulose by solution in alcohol-acetic acid mixtures of different concentrations are described. The results of analysis of nitrocelluloses prepared from various staple fibre products are given together with the degrees of polymerisation of the fractions determined from viscosity measurements. Average degrees of polymerisation of various natural and technical cellulose products are tabulated and solubility and chain length distribution diagrams (determined by fractionation of the nitro-derivatives) for cotton, cotton linters, and various sulphite and sulphate celluloses are given and compared. - C."

1432. Gabillion, R. L'indice de cuivre des celluloses. La Revue de Chimie Industrielle et le Moniteur Scientifique de Quesneville 48(570): 162-166. June 1939. (Published by Gauthier-Villars, 55, Quai des Grands-Augustins, Paris (6e) France) 383 R326

The copper number of celluloses.

"The detn. is discussed critically. The details of the procedure preferred by G. are essentially the same as those of the official method of the Tech. Assocn. of the Pulp and Paper Industry. G. deems the Cu no. one of the best tests for industrial use especially for purified pulps, it being more sensitive in many cases than the a-cellulose detn. 23 references. - F. A. Simmonds." - Chem. Abs. 33(22): 9625. Nov. 20, 1939.

1433. Gassie, A. E. D. Regain of textiles and humid atmosphere changes. Textile Inst. Jour. 31(2): T17-T30. Feb. 1940. (Published at 16 St. Mary's Parsonage, Manchester, 3, England) 73.9 T31

"The basis for most drying, and conditioning problems has been established, and the same considerations will serve to discuss the physical factors which control the hygienic characteristics of clothing. The academic and mathematical work and its experimental verification have been reported elsewhere. The present paper gives a more physical basis for the calculations, and discusses the significance of the results for textile and clothing problems."

1434. Hall, A. J. Fifty years of development in mercerization. Textile Mercury and Argus Jubilee Souvenir, Sept. 1939, pp. 155-157. (Published at 41 Spring Gardens, Manchester, England) 304.8 T318

"A broad review is given of developments in mercerisation, including the problems created by goods containing rayon, and with particular attention to research work since 1922 on the physical chemistry of the process. - C." - Textile Inst. Jour. 31(2): A86. Feb. 1940.

1435. Hardy, J. I., and Wolf, H. W. Two rapid methods for estimating fineness and cross-sectional variability of wool. U. S. Dept. Agr. Cir. 543, 15pp. Washington, 1939.

Literature cited, p. 15.

1436. Haworth, W. N., and others. Polysaccharides. Part XXXIII. The methylation of cellulose in air and in nitrogen, by W. N. Haworth, E. L. Hirst, L. N. Owen, S. Peat, and (in part) F. J. Averill. London. Chem. Soc. Jour. Dec. 1939, pp. 1885-1898. (Published at Burlington House, Piccadilly, London, W. 1, England) 382 L84J

"Details are given of a study of the methylation of cellulose acetates, long-staple cotton and cotton linters, the conditions being varied with respect to the number of methylations, the temperature of methylation, and the nature of the surrounding atmosphere (air, nitrogen or first nitrogen and then air)... - C." - Brit. Cotton Indus. Res. Assoc. Sum. Cur. Lit. 20(4): 85. Feb. 29, 1940.

1437. Haworth, W. N., Montonna, R. E., and Peat, S. Polysaccharides. Part XXXIV. The methylation of cellulose in an inert atmosphere. London. Chem. Soc. Jour. Dec. 1939, pp. 1899-1901. (Published at Burlington House, Piccadilly, London, W. 1, England) 382 L84J

"The exhaustive methylation of cotton sliver (30 repetitions) in an atmosphere of nitrogen has been studied. Measurements of the viscosity of 0.1 per cent. chloroform solution show that there is a progressive diminution of particle size as the number of methylations is increased. Complete disruption of the cellulose chain does not occur but the molecular weight tends towards a minimum value which corresponds to an apparent chain length of about 200 glucose units, after 25-30 methyla-

tions. For end-group assay, two batches were combined. All the methylation treatments which the batches had undergone were as nearly as possible the same, yet the molecular sizes, determined osmotically, were 290 and 590 glucose units. The mean particle size of the combined batches was 450, but the amount of tetramethylglucose obtained in the end-group assay corresponded roughly to a chain length of 700 glucose units. - C." - Brit. Cotton Indus. Res. Assoc. Sum. Cur. Lit. 20(4): 85-86. Feb. 29, 1940.

1438. Helliwell, E. H. Cotton-yarn diameters. Ashenhurst vindicated by microscopic and cross-section area measurements. Textile World 90(4): 60. Apr. 1940. (Published by McGraw-Hill Publishing Co., Inc., 330 West 42d St., New York, N. Y.) 304.8 T315

1439. The Kayser torsometer. A new instrument to measure torsion in twisted yarns. Rayon Textile Mo. 21(4): 251. Apr. 1940. (Published at 303 Fifth Ave., New York, N. Y.) 304.8 R21

1440. Lotichius, J. Proteins in the textile industry. Chemisch Weekblad 36(23): 407-413. June 10, 1939. (Published at Willem Witsenplein 6, 's-Gravenhage, Netherlands) 385 C42

Footnote references.

"A table is given showing the chief physical and chemical properties of cotton, viscose, wool and silk. Nägeli's micellar theory and Katz's explanation of the swelling of fibrous substances are applied to these four fibres. A brief survey is given of their chemical properties, especially behaviour with respect to water, and influence of acid and alkali in bleaching and dyeing. Fibre structure presupposes structural elements of high molecular weight which are able by polymerisation to form long chain molecules. The specific character of protein fibres is due to their low heat conductivity and to their chemical properties as proteins. - W."-Textile Inst. Jour. 31(2): A118-A119. Feb. 1940.

1441. Mark, H. Vernetzungen in cellulose. Wochenblatt für Papierfabrikation 69(49): 1031-1034. Dec. 3, 1938. (Published in Württemberg, Germany) 302.8 W81

Network formation in cellulose.

"The concept of cellulose chains and their

change in various chem. processes should, in M.'s opinion, be supplemented by the hypothesis of network formation. Networks may be present to a certain extent in native fibers, or may be formed by the action of chemicals (e. g., the formation of ether bridges between adjacent chains, by the elimination of H_2O from neighboring OH groups by means of H_2SO_4). Several other examples are cited in support of this hypothesis, which may account for the properties of vulcanized fiber, parchment paper and the influence of mild oxidation of cellulose on its subsequent acetylation and nitration. - Louis E. Wise." - Chem. Abs. 33(5): 1925. Mar. 10, 1939.

1442. Marriott, Robert H. A simple method for the determination of the birefringence of fibres. Internatl. Soc. Leather Trades Chem. Jour. 22(7): 294-296. July 1938. (Published at the Leather Exchange, 17, Leathermarket Street, London, S. E.1, England) 303.9.Sol2

"By measuring the thickness of quartz necessary to equalize the paths of the ordinary and extraordinary rays, which enables the retardation of one ray relative to the other to be obtained, the double refraction of crystals and fibres can be determined. By the use of plates of mica, the difficulties of technique of the quartz wedge method are eliminated and the cost is much lower... - C." - Textile Research 9(12): 460. October 1939.

1443. Plötze, E., and Person, H. Röntgenographische Untersuchungen polymer-homologer Cellulosefasern. Naturwissenschaften 27(41): 693. Oct. 13, 1939. (Published by Julius Springer, Berlin 79, Germany) 474 N213

X-ray studies of polymer-homolog cellulose fibers.

"Polymer-homolog series of cellulose prepd. by oxidative or hydrolytic demolition were studied by x-ray. Both ramie and cotton fibers were used. The degree of polymerization ranged from 200 to 3000. The Debye-Scherrer diagrams for all of the series were identical; hence the structure was unchanged. A quant. value for the crystallite orientation was obtained by calcg. the half widths of the equator interferences from blackening measurements. The half-width is for ramie 15° , for cotton 32° . - B. J. C. van der Hoeven." - Chem. Abs. 34(2): 619. Jan. 20, 1940.

1444. Portable automatic yarn count scale. Rayon Textile Mo. 21(4): 251-252. Apr. 1940. (Published at 303 Fifth Ave., New York, N. Y.) 304.8 R21
1445. Russell, W. Walker, and Woodberry, Norman T. Fluidity of cotton in dimethyl dibenzyl ammonium hydroxide. Measure of cotton degradation. Indus. & Engin. Chem. (Anal. ed.) 12(3): 151-154. Mar. 1940. (Published by American Chemical Society, Mills Bldg., Washington, D. C.) 381 J825
Literature cited, P. 154.

"The different samples of bleached cotton cellulose examined were found to dissolve readily in dimethyl dibenzyl ammonium hydroxide (commercially known as Triton F) to produce solutions whose fluidities (or viscosities) are a measure of the extent to which the cellulose has been modified. For the celluloses studied the Triton fluidities are very nearly a tenth and the Triton specific viscosities very nearly twice the corresponding cuprammonium hydroxide values. The Triton method is simpler and more rapidly carried out than standard cuprammonium methods."

1446. Schramek, W. Unsere neueste kenntnis vom bau der zellulosefasern und ihrer reaktionen. Monatsschrift für Textil-Industrie 53(10): 280-282. Oct. 1938. (Published by Theodor Martins Textilverlag, Dörrienstrasse 9, Leipzig C 1, Germany) 304.8 L53

Our latest information about the structure of cellulose fibers and their reactions.

"A review of recent work on decompn. reactions of cellulose, chain mols., length of cellulose mol., formation of cellulose membrane in the fiber cells, submicroscopic structure of the wall of the cellulose fiber, etc. - L. S." - Chem. Abs. 33(7): 2701. Apr. 10, 1939.

1447. Schwartz, E. R. Engineering aspects of textile technology. Textile Bul. 58(2): 7-8, 34-36. Mar. 15, 1940. (Published by Clark Publishing Co., 218 West Morehead St., Charlotte, N. C.) 304.8 So82

Excerpts of address presented at the annual meeting of the American Society of Mechanical Engineers, Philadelphia.

"The cotton fiber is a structure held together with spiral reinforcing rods made up of fibrils

and differing from the similarly reinforced concrete column essentially in the fact that nature has learned to far exceed the limits of recognized engineering practice by building columns several thousand times as long as they are in diameter in order to achieve a large measure of combined flexibility and permanence. In the cotton fiber nature has also succeeded in achieving one dream of the engineer--the combination of extreme lightness with extreme strength."

1448. Schwertassek, Karl. Eine einfache und rasch auszuführende methode zur quantitativen trennung von kunstfasern aus hydratzellulose und fasern aus nativer zellulose. Melliand Textilberichte 20(12): 797-800. Dec. 1939. (Published at Heidelberg, Germany) 304.8 T312

A simple and quick method for the quantitative separation of artificial fibers of hydrate cellulose from fibers of native cellulose.

"A quick and sufficiently accurate method for the rapid quantitative separation of viscose and cuprammonium fibers from native fibers such as cotton or flax in mixed fabrics is described. It is based on the fact that native fibers swell in 10% caustic soda; however, they still possess sufficient methanical resistance to a squeezing treatment, whereas regenerated fibers are completely disintegrated, even at a slight pressure. The apparatus employed consists of a fine-mesh wire, a corrugated glass plate, and a small rubber-covered corrugated iron roll. The desized fibers are treated with cold 10% caustic soda solution to which a special wetting agent is added (Leophen, Mercerol); they are placed upon the wire and rolled over with the rubber roll under slight pressure. The artificial fibers are squeezed to a fine pulp which is pressed through the wire and taken up by the corrugations of the glass plate. The native fibers remain upon the wire. It is not necessary to cut the fibers into small pieces as in other chemical methods; fabrics must be separated into weft and warp threads. In its present form the method is not suited for acetate rayon or wool fibers. - E. S." - Lawrence Col. Inst. Paper Chem. Bul. 10(6): 193. Feb. 1940.

1449. Sisson, Wayne A. X-ray studies of crystallite orientation in cellulose fibers. III. Fiber structures from coagulated cellulose. Jour. Phys. Chem. 44(4): 513-529. Apr. 1940. (Published by Williams & Wilkins Co., Mount Royal and Guilford Avenues, Baltimore, Md.) 381 J822

References, p. 529.

"Presented before the Division of Cellulose Chemistry at the Ninety-third Meeting of the American Chemical Society, held at Chapel Hill, North Carolina, April 12-15, 1937."

1450. Staudinger, H., and Sohn, A. W. Über fehlerstellen in cellulosemolekülen. Naturwissenschaften 27(32): 548-549. Aug. 11, 1939. (Published by Julius Springer, Berlin W 9, Germany) 474 N213

Defect spots in cellulose molecules.

"Evidence from viscosity of nitrated cellulose compared with cellulose pptd. from Schweizer reagent indicates that the mols. of fiber cellulose contain ester-like compds. saponifiable by alkali. Hence there are 2 types of cellulose chains; the normal one built up of glucose groups with an uninterrupted sequence of pyranoid rings; the other one has roactive defect spots which contain ester groups sapond. by alkali. The second type can be formed from the former by oxidative splitting off of one glucose, thus giving a carbonic acid ester... Oxidation processes such as bleaching or peroxide treatment can bring about the formation of defects.- B. J. C. van der Hoeven." - Chem. Abs. 33(22): 9625. Nov. 20, 1940.

1451. Staudinger, H., and Jurisch, J. Über makromolekulare verbindungen. 228. Mitteilung. Über die festigkeit von fasercellulosen verschiedenen polymerisationsgrades. Zellwolle-Kunstseide-Seide 44(10): 375-377. Oct. 1939. (Published by Industrieverlag von Hernhausen K.-G., Berlin W 15, Germany) Bur. Stand.

Footnote references.

Macromolecular compounds. 228th report. About the tenacity of fiber-celluloses with different degrees of polymerisation.

"A polymer-homologous series of fibre celluloses of different degrees of polymerisation was prepared by treating cotton with acids and the strengths of the products were determined. The data show that the strength increases with increase in the degree of polymerisation from 200 to 700,

then increases only slightly with further increase in degree of polymerisation from 1,000 to 3,000... Fibres of cellulose of degrees of polymerisation less than 200 were too brittle to be tested on the ordinary strength testers. The different preliminary treatments of the cotton fibre had little influence on its strength and it is pointed out that the strength of the natural fibres, cotton and ramie, is determined solely by their macromolecular structure and not dependent on their biostructure. - C." - Brit. Cotton Indus. Res. Assoc. Sum. Cur. Lit. 20(5): 106. Mar. 15, 1940.

1452. Staudinger, H., Staudinger, M., and Schmidt, H. Über makromolekulare verbindungen. 237. Mitteilung. Über die zerstörung der cellulose durch mikroorganismen. Zellwolle, Kunstseide, Seide 45(1): 2-4. Jan. 1940. (Published in Berlin, Germany) Bur. Stand.

Macromolecular compounds. 237th report. On the destruction of cellulose by micro-organisms.

"Tests on cotton yarn showed that a loss in strength occurred when the yarn was exposed to the action of cellulose-destroying bacteria by immersion in water. Determinations of the degree of polymerisation of the cellulose of the original and treated samples and of a used fishing net, and also of nitrated products obtained from them showed that the decrease in strength was not due to any appreciable decrease in degree of polymerisation. Photo-micrographs of the fibres show a corrosion effect as a result of attack by bacteria. The injured fibres do not give the usual bead effect on swelling in cuprammonium. Photo-micrographs of cotton, ramie, staple fibre and Cuprama fibres after immersion in sump water are given and compared. It is suggested that the decomposition of cellulose by bacteria proceeds from the end groups of the molecule whereas attack of cellulose by fungi results in a splitting of the molecule in the middle. - C." - Brit. Cotton Indus. Res. Assoc. Sum. Cur. Lit. 20(6): 141. Mar. 30, 1940.

1453. A "super" comments on cotton staple. Likes Helliwell's article and offers a suggested plan. Cotton [Atlanta] 104(4): 131. Apr. 1940. (Published by W. R. C. Smith Publishing Company, Grant Bldg., Atlanta, Ga.) 304.8 C8214

Letter to the editor commenting on an article

entitled, "How Long is One-Inch Cotton," by E. H. Helliwell, which appeared in the February 1940 issue of Cotton.

1454. Thompson, Lewis. Modern mercerising. Part 1. Textile Recorder 57(682): 33-35. Jan. 6, 1940. (Published at Old Colony House, Manchester, 2, England) 304.8 T311
An account of the discovery and early history of the process is given.
1455. Thompson, Lewis. Modern mercerising. Part II. Textile Recorder 57(683): 31-33. Feb. 6, 1940. (Published at Old Colony House, Manchester, 2, England) 304.8 T311
A discussion of some of the fundamental researches on the subject of mercerising, including relation between luster and shape of cross section of the cotton fiber; yarn shrinkage; and affinity of mercerized fibers for dyes.
1456. Tissot, Pierre. L'examen microscopique des fibres textiles. Tiba 18(2): 43, 45, 47, 49. Feb. 1940. (Published at 61, Avenue Jean-Jaurès, Paris (19e) France) 306.8 T43
Microscopic examination of textile fibers.
"Microscopic methods for the examination of textile fibres are discussed and tests for the identification of animal casein and wild silk fibres, the detection of damaged wool, the identification of cotton, Manilla hemp, jute, ramie and the various types of rayon, and for the differentiation of hemp from linen and Manilla hemp from coir fibre are described. The preparation of the reagents is briefly described. - C." - Brit. Cotton Indus. Res. Assoc. Sum. Cur. Lit. 20(6): 136. Mar. 30, 1940.
1457. Wall, C. L. Properties of fibres--IV. The influence of atomic fields between the side groups of molecular chains on the properties of systems of chains; ways in which the energy of the fields is varied, and results of varying the energy of the fields. Textile Mfr. 46(782): 71-72, 76. Feb. 1940. (Published by Emmott and Co., Ltd. 31, King St., West, Manchester, 3, England) 304.8 T3126

1458. [Webb, Robert W.] Cotton character studies of 1937 crop opens vista. Need is seen for research of other seasons in quest of quality factors. Cotton Trade Jour. (Atlantic Cotton Assoc. Convention ed.) 20(15): 8. Apr. 13, 1940. (Published at 810 Union St., New Orleans, La.) 72.8 C8214
Extracts from an address, Influence of Locality of Growth and Season on the Fiber and Spinning Properties of two Varieties of Cotton, Crop Years of 1936 and 1937, before Committee D-13, American Society for Testing Materials, Charlotte, N. C., Mar. 13-15, 1940.
Also in Textile Bul. 58(3): 5, 39, 42. Apr. 1, 1940.
1459. [Whistler, Roy L., Martin, A. R., and Harris, Milton] New advances cited in cotton fiber structure study. Result from method for estimating content of pectic substance, Cincinnati parley told. Daily News Rec. no. 87, p. 14. Apr. 12, 1940. (Published at 8 East 13th St., New York, N. Y.) 286.8 N48
Extracts from a paper read before the Division of Cellulose Chemistry at the 99th meeting of the American Chemical Society, Cincinnati, Ohio, April 1940.
1460. Yarn count variations: reduction. Textile Inst. Jour. 31(2): A77. Feb. 1940. (Published at 16 St. Mary's Parsonage, Manchester, 3, England) 73.9 T31
From Revue Textile, 37: 459-461. 1939.
"Tables are given showing the variations in counts at the different stages in the production of a yarn and improvements effected by modifications at the drawing frames. In the example studied the variation in yarn count was reduced from 36.75 per cent. to 17.5 per cent. and could be further reduced to 13.75 per cent. by spinning from double roving.- C."

See also Items nos. 1245, 1345, 1464, 1468, 1508, 1567, 1568, 1583.

Technology of Manufacture

1461. Barnshaw, C. The high drafting of cotton. Textile Mercury and Argus Jubilee Souvenir, Sept. 1939, pp. 43, 45, 47, 49. (Published at 41 Spring Gar-

dens, Manchester, England) 304.8 T318

"An illustrated description is given of various high-drafting systems, with some calculations of the economies effected by high drafting. - C." - Textile Inst. Jour. 31(2): A77. Feb. 1940.

1462. Barnshaw, C. The ring spinning frame. Textile Mercury and Argus Jubilee Souvenir, Sept. 1939, pp. 35, 37, 38, 41. (Published at 41 Spring Gardens, Manchester, England) 304.8 T318

"A review is given of developments during the past 50 years in the ring spinning frame, with special reference to devices for reducing the variations in tension on the yarn according to the winding diameter. - C." - Textile Inst. Jour. 31(2): A77. Feb. 1940.

1463. Fonville, John C. Record Georgia crowd holds fine carding-spinning discussion. Cotton [Atlanta] 104(4): 93-97. Apr. 1940. (Published by W. R. C. Smith Publishing Company, Grant Bldg., Atlanta, Ga.) 304.8 C823

Report of meeting of Textile Operating Executives of Georgia, Atlanta, March 23, 1940.

1464. Helliwell, E. H. Staple quality vs. yarn quality. What and how many roving processes. Textile Age 4(4): 49-50, 52-54. Apr. 1940. (Published at 381 Fourth Ave., New York, N. Y.) 304.8 T3132

1465. Higgins, S. H. Linen and cotton bleaching. Textile Mercury and Argus Jubilee Souvenir, Sept. 1939, pp. 151, 153-154. (Published at 41 Spring Gardens, Manchester, England) 304.8 T318

"The progress of the art of bleaching during the past 50 years is reviewed. In condemnation of 'patent bleaching processes' employing oxidising agents it is emphasised that bleaching involves more than the destruction of colouring matter; the desired result is the removal of all non-cellulosic matter.- C." - Textile Inst. Jour. 31(2): A86. Feb. 1940.

1466. Importance of thread cleaner adjustments. Rayon Textile Mo. 21(4): 228. Apr. 1940. (Published at 303 Fifth Ave., New York, N. Y.) 304.8 R21

A table of cleaner openings for silk, rayon and cotton yarns is given.

1467. K., I. E. Opening and cleaning cotton. Textile Mercury and Argus, Jubilee Souvenir, Sept. 1939, pp. 27, 29, 31. (Published at 41 Spring Gardens, Manchester, England) 304.8 T318
 "An illustrated review is given of developments in the methods of opening and cleaning cotton by comparison with those used 50 years ago. The chief changes are those consequent on high-density baling of cotton and the substitution of automatic machinery for manual labour in mixing and blowing rooms. - C." -Textile Inst. Jour. 31(2): A75. Feb. 1940.
1468. Miedendorf, Henry, Jr. Silk and cotton sewing thread constructions. Rayon Textile Mo. 21(4): 236-237. Apr. 1940. (Published at 303 Fifth Ave., New York, N. Y.) 304.8 R21
1469. Modern roller covering. Points to note for spinning and cardroom rollers. Textile Weekly 25(631): 404, 407-408. Apr. 5, 1940. (Published at 49 Deansgate, Manchester, 3, England) 304.8 T3127
 To be continued.
1470. Oeser, W. Ein Beitrag zur verzugs- und durchzugs-theorie. Monatschrift für Textil-Industrie 54(12): 269-271. Dec. 1939. (Published at Dörrienstrasse 9, Leipzig C 1, Germany) 304.8 L53
 A contribution to the theory of drafting and high drafting.
 "Expressions are deduced for the percentages by number and by weight of guided and floating fibres of cotton and staple fibre in drafting and high drafting processes and examples are worked out for different roller settings. Actual numbers of guided and floating fibres in cross-sections of typical cotton and staple fibre rovings are calculated. - C." - Brit. Cotton Indus. Res. Assoc. Sum. Cur. Lit. 20(4): 70. Feb. 29, 1940.
1471. The original experiment proving the value of shell rolls carried on in the Merrimack mfg. company, Lowell, Mass., during 1868-69. American Wool and Cotton Reporter 54(13): 43-46. Mar. 28, 1940. (Published by Frank P. Bennett & Co., Inc., 530 Atlantic Ave., Boston, Mass.) 304.8 W88
1472. "Parkside." Driving mule rollers and carriage. Textile Mercury and Argus 102(2656): 182. Feb. 16, 1940. (Published at 41 Spring Gardens, Manchester, England) 304.8 T318

1473. Pomfret, N. H. Erecting ring frames. A technical description of the correct procedure in assembling these machines. Textile Recorder 57(683): 16-17. Feb. 6, 1940. (Published at Old Colony House, Manchester, 2, England) 304.8 T311
1474. The proper picker speeds and settings. Cotton [Atlanta] 104(4): 134, 136. Apr. 1940. (Published by W. R. C. Smith Publishing Company, Grant Bldg., Atlanta, Ga.) 304.8 C823
Letter to the editor.
1475. Saco-Lowell shops. Saco-Lowell hand-book. 2v. [Boston, 1938-1939]
"This hand-book contains detailed information on lubrication, care and maintenance of Saco-Lowell machinery."
Vol. 1.-Opening and picking; vol. 2.-Carding.
1476. Schmalfluss, Gottlob. Kann der selfaktor voll und ganz durch die ringspinnmaschine ersetzt werden? Klepzig's Textil-Zeitschrift 42(42): 615-616. Oct. 18, 1939. (Published at Taubchenweg 23, Leipzig C 1, Germany) Bur. Stand.
Can the self-acting mule be completely replaced by the ring frame.
"It is pointed out that, owing to differences in conditions, American methods of rationalisation cannot always be applied in German spinning mills. In American mills with constant supplies of carefully-chosen raw material it is possible to reduce thread breaks to 9 per 1,000 spindle-hours but in German mills where supplies of raw material are variable 40 breaks per 1,000 spindle-hours may be regarded as normal and under present war conditions even 80-100 thread breaks per 1,000 may be regarded as normal. Rationalisation schemes for spinning mills usually involve the replacement of mules by ring frames. Certain advantages of the latter, particularly in labour requirements are pointed out, and the adaptation of ring frames for the production of weft yarns is briefly discussed. The production of certain quality and special yarns, e. g. yarns for knitting, on ring frames is, however, not practicable. Production rates on mules and ring frames are calculated for a particular 10's yarn and the production per spindle per hour is found to be 25.9 per cent. higher on the mule than on the ring frame.- C." - Textile Inst. Jour. 31(2): A77. Feb. 1940.

1477. [Textile operating executives of Georgia] Georgia operating executives discuss carding and spinning at Atlanta meeting. Textile World 90(4): 58. Apr. 1940. (Published by McGraw-Hill Publishing Co., Inc., 330 West 42d St., New York, N. Y.) 304.8 T315
Report of meeting held in Atlanta, Ga., March 23, 1940.
Carding and spinning problems were discussed.

See also Item no: 1447.

Technology of Consumption

1478. "Cleanliness drive" proposed to expand use of cottons. Daily News Rec. no. 95, p. 15. Apr. 22, 1940. (Published at 8 East 13th St., New York, N. Y.) 286.8 N48
Recommendations for the 1940 domestic consumption program of the National Cotton Council of America are noted.
1479. Cotton plays role in Red Cross relief. Cotton Digest 12(28): 11. Apr. 13, 1940. (Published at 710 Cotton Exchange Bldg., Houston, Tex.) 286.82 C822
A list of the relief supplies that have been purchased by the Red Cross, from the outbreak of the war to April 1, 1940, is given.
1480. Hendricks, B. A., and Grabe, Neil. The use of cotton netting in revegetation of road-fill slopes. U. S. Dept. Agr. Forest Serv. Southwest. Forest and Range Expt. Sta. Res. Notes 78, 2 pp., processed. Tucson, Ariz., 1939. 1.9 F7621R
The growth of vegetation on the slopes is aided by cotton netting. "The cotton netting afforded protection from soil washing during the rainy periods by breaking up the force of falling raindrops and by holding the water on the surface long enough for it to soak into the ground. The netting also prevented rapid drying out of the soil, thereby conserving moisture by shading the ground and the young plants."
Also in Ariz. Stockman 5(45): 6, 9. Mar.-Apr. 1940.
1481. Hot rayon and wet cotton vieing for automobile tire-cord market. Rayon advocate tells of heat tests, cotton research may meet challenge. Cotton Trade Jour. 20(16): 7. Apr. 20, 1940. (Published at 810 Union St., New Orleans, La.) 72.8 C8214

1482. Low-income families use surplus cotton. U. S. Ext. Serv. Ext. Serv. Rev. 11(4): 52. Apr. 1940. (Published in Washington, D. C.) 1 Ex892Ex
Use of cotton in mattresses is reported.
1483. "Maid of cotton" and silver bolls tell of carnival. "South's greatest party," Memphis cotton carnival, build-up is on. Cotton Trade Jour. (Atlantic Cotton Assoc. Convention ed.) 20(15): 4. Apr. 13, 1940. (Published at 810 Union St., New Orleans, La.) 72.8 C8214
Also reported in Cotton Digest 12(29): 9. Apr. 20, 1940.
1484. Mold gas attack opens market for cotton sheeting. Blue mold, tobacco blight, provides additional outlet for cotton. Cotton Trade Jour. 20(16): 6. Apr. 20, 1940. (Published at 810 Union St., New Orleans, La.) 72.8 C8214
An announcement by the Cotton-Textile Institute of the use of unbleached muslin sheeting in the fumigation of tobacco seed beds.
Also noted in Cotton Digest 12(29): 11. Apr. 20, 1940.
1485. New hose raise cotton hopes. Stockings to be made by Gotham hosiery co. are just the newest of many important research and merchandising ventures which vitally affect cotton prospects. Business Week no. 551, pp. 20-22. Mar. 23, 1940. (Published by McGraw-Hill Publishing Company, Inc., 330 West 42nd St., New York, N. Y.) 280.8 Sy8
Other uses are listed, together with the probable consumption of cotton by each.
1486. Perryman, Margaret. Middle income group is slighted by cotton dressmakers, is claim. Atlanta woman asserts present offerings are shoddy or "exclusive." Cotton Trade Jour. 20(15): 1, 7. Apr. 13, 1940. (Published at 810 Union St., New Orleans, La.) 72.8 C8214
1487. Plan to make paper of cotton. Paper Trade Jour. 110(2): 44. Jan. 11, 1940. (Published at 15 West 47th St., New York, N. Y.) 302.8 P196
An announcement by the Department of Agriculture, of a demonstrational program under which a small amount of low-grade cotton will be used in the manufacture of high-grade paper.

1488. Potter, Robert D. Work for new fabrics. New fibers of the research laboratories do more than adorn; they have important industrial functions. Sci. News Letter 37(8): 118-119, 124-125. Feb. 24, 1940. (Published at 2101 Constitution Ave., Washington, D. C.) 470 Sci24

Includes mention of uses of glass fibers, metal fibers, nylon, vinyon and a cellulose fabric made by pressing sheets of fibers. The work of the Bureau of Home Economics of the U. S. Department of Agriculture in developing new types of cotton stockings is also mentioned.

1489. Swan, Carroll J. Spool cotton sells 3,500,000 books as part of effort to sell more thread. Printers' Ink 189(13): 15-18. Dec. 29, 1939. (Published at 189 Madison Ave., New York, N. Y.)

Uses of thread and crochet cotton are noted.

1490. Torrens, James G. Preserving cotton's industrial uses. Textile Bul. 58(1): 32, 34, 78. Mar. 1, 1940. (Published by Clark Publishing Co., 218 West Morehead St., Charlotte, N. C.) 304.8 So82
Examples of industrial uses are given.

See also Items nos. 1322, 1329, 1337, 1573, 1586, 1592, 1605.

COTTONSEED AND COTTONSEED PRODUCTS

1491. Back, E. A. The cigarette beetle as a pest of cottonseed meal. Jour. Econ. Ent. 32(6): 739-749. Dec. 1939. (Published by American Association of Economic Entomologists, Menasha, Wis.)

1492. The cotton farmer and oleomargarine. Utah Farmer 56(17): 7. Apr. 10, 1940. (Published at 36 Richards St., Salt Lake City, Utah) 6 D45

The effect of the state oleomargarine taxes on the cotton farmers of the South is discussed.

1493. Gregory, T. H. Let's face our problems squarely. Cotton and Cotton Oil Press 41(9): 22, 23, 25. Apr. 27, 1940. (Published by National Cottonseed Products Association, 3116-18 Commerce St., Dallas, Tex.) 304.8 C822

Address at annual convention, Valley Division, National Cottonseed Products Association, Hot Springs, Ark., April 15, 1940.

Problems of the cottonseed industry are discussed.

1494. Lishkevich, M. [Cottonseed phosphatides.] Maslo-boino Zhirovoe Delo no. 2, pp. 6-8. Mar.-Apr. 1939. (Published at Kirovskaya, 47, Moskva, U. S. S. R.) Libr. Cong.

In Russian.

Literature, p. 8.

"The phosphatides from cottonseed can be sepd. into 3 fractions: acetone-sol. (16.5%), EtOH-sol. (76.5%) and benzene-sol. (7.0%). The EtOH-sol. fraction contains 53.2-59.4% lecithin and 40.6-46.8% cephalin. The acetone-sol. fraction contains 46.2% lecithin and 53.8% cephalin. The benzene-sol. fraction is practically all lecithin. Comparative data are given for soybeans and rapeseed. - Julian F. Smith." - Chem. Abs. 33(22): 9692. Nov. 20, 1939.

1495. N. C. P. A. asks for "free competition" in testimony at trade barriers hearing. Cotton and Cotton Oil Press 41(7): 7, 18. Mar. 30, 1940. (Published at 3116-18 Commerce St., Dallas, Tex.) 304.8 C822

"Pointing out that cottonseed oil margarine solicits no favors from either federal or state legislative bodies, John F. Moloney, economist for the National Cottonseed Products Association told the Temporary National Economic Committee in Washington, this week, that all the crushers and margarine manufacturers desire is open and unhampered competition in the markets where the consumer buys his foodstuffs."

1496. N. C. P. A. reaffirms resolution favoring seed grading. Cotton and Cotton Oil Press 41(9): 17. Apr. 27, 1940. (Published at 3116-18 Commerce St., Dallas, Tex.) 304.8 C822

A resolution adopted by the board of directors of the National Cottonseed Products Association on April 18, 1940, favoring seed grading under federal supervision is given.

1497. National cotton week leaders try cotton ice cream. New Orleans leaders and co-workers try out the real McCoy, from Dallas. Cotton Trade Jour. 20(15): 7. Apr. 13, 1940. (Published at 810 Union St., New Orleans, La.) 72.8 C8214

The ice cream, made with a cottonseed oil base and having a flavor like maplenut, was originated by a Dallas chef.

1498. Olcott, H. S. Un nuevo producto para la limpieza de pisos. Un compuesto proveniente de la cascarrilla de algodón descubierto por el Cotton research foundation de los EE.UU. Argentine Republic. Junta Nacional del Algodon. Boletin Mensual no. 57, pp. 29-30. Jan. 1940. (Published at Buenos Aires, Argentina) 72.9 Ar3
A new product for cleaning floors. A compound from the hull of cottonseed, discovered by the Cotton Research Foundation of the United States.
1499. Rich, H. R. Injurious insects found in cottonseed oil mills and their control. Oil Mill Gazetteer 44(10): 20-22. Apr. 1940. (Published in Wharton, Tex.) 307.8 Oi53
Address before meeting of the Tri-States Oil Mill Superintendents Association, Jackson, Miss., Apr. 6, 1940.
1500. Textile economics bureau, inc. Consumption of cellulose by the rayon industry. Rayon Organon 11(5): 69-70. Apr. 5, 1940. (Published by Textile Economics Bureau, Inc., 21 East 40th St., New York, N. Y.) 304.8 T3128
A table showing the percentages of wood pulp and linters pulp used in the rayon industry from 1930 to 1939 is given.
1501. U. S. Dept. of agriculture. Agricultural marketing service. Estimated quantity and percentage of each grade, character, and color of linters produced in the United States, by states, year ended July 31, 1939. 1p., processed. Washington, 1939.
- See also Items nos. 1242, 1251, 1265, 1303, 1353, 1503, 1555, 1560, 1567, 1583, 1586, 1591, 1595.

LEGISLATION, REGULATION, AND ADJUDICATION

Legislation

1502. Abolição da taxa sobre o algodão exportado do Egito. Revista do Algodão 10(53): 3001. Jan. 1940. (Published at Rua de S. Bento, 389, São Paulo, Brazil)
Abolition of the tax on cotton exported from Egypt.

1503. Barriers to trade are discussed. Cotton council active after two victories in Mississippi, Kentucky. Delta Council News 1(8): 4. Apr. 10, 1940. (Published by the Delta Council, Stoneville, Miss.)
State taxes on cottonseed oil margarine are opposed.
1504. Bell, W. Ray. U. S. Department of agriculture figures show failure of processing tax as a means of bettering conditions for farmers. Textile Bul. 58(1): 21, 81. Mar. 1, 1940. (Published by Clark Publishing Co., 218 West Morehead St., Charlotte, N. C.) 314.8 So82
1505. Comer, Donald. The marketing certificate is a processing tax. Textile Bul. 58(1): 24, 82. Mar. 1, 1940. (Published by Clark Publishing Co., 218 West Morehead St., Charlotte, N. C.) 304.8 So82
1506. Co-op gins exempted under Social security act amendment. Payment of first quarter 1940 taxes should be withheld and exemption payment claimed, advises attorney. Tex. Co-op. News 20(4): 5. Apr. 15, 1940. (Published by Texas Co-operative Publishing Co., Inc., 1100 South Ervay St., Dallas, Tex.) 72.9 T315F
1507. Cotton crop insurance will meet obstacles. Cotton Digest 12(30): 8. Apr. 27, 1940. (Published at 710 Cotton Exchange Bldg., Houston, Tex.) 286.82 C822
An editorial.
1508. Cotton production efficiency pushed. Delta Council News 1(8): 2. Apr. 10, 1940. (Published by the Delta Council, Stoneville, Miss.)
"The National Cotton Council is endeavoring to initiate legislation providing for expansion of testing facilities at Clemson College, S. C., at A. & M. College, Texas, and at the U. S. Fiber and Ginning Laboratory at Stoneville, Miss., to make it possible for cotton breeders to obtain tests of improved varieties of lint."
1509. Cotton slogan stamp bill is introduced. Cotton Trade Jour. 20(16): 7. Apr. 20, 1940. (Published at 810 Union St., New Orleans, La.) 72.8 C8214
Introduction in Congress of a bill, for the use by the Post Office Department, of the slogan "Ship

it in Cotton" during National Cotton Week, is noted.

Also noted in Cotton Digest 12(29): 9. Apr. 20, 1940.

1510. Cotton-textile institute, inc. Save your shirt. A study of taxes and their effect on farmer, processor and consumer. 25pp. New York, Cotton-textile institute, inc., [1940?]

The probable effect of the marketing certificate plan is discussed.

1511. Egypt reimposes tax on raw cotton exports. Cotton Trade Jour. 20(14): 6. Apr. 6, 1940. (Published at 810 Union St., New Orleans, La.) 72.8 C8214

"The tax of 200 milliemmes per 100 kilos on raw cotton exported from Egypt has been reimposed by royal decree, effective August 15, according to cable advices from the American legation at Cairo. This tax was taken off early this season as a means of partly offsetting the effect of the American cotton export subsidy." - Entire item.

1512. Export subsidies appropriation to meet opposition. Georgian, senior House conferee, seeks to halve bonus for export. Cotton Trade Jour. 20(15): 1, 8. Apr. 13, 1940. (Published at 810 Union St., New Orleans, La.) 72.8 C8214

Also in Cotton Digest 12(28): 14. Apr. 13, 1940.

1513. \$4,200,000 raid on treasury by ACCA defeated. Senate relegates bill to Court of claims; some dailies suppress news. Cotton Trade Jour. 20(16): 1. Apr. 20, 1940. (Published at 810 Union St., New Orleans, La.) 72.8 C8214

1514. Government and futures markets. Cotton Trade Jour. 20(14): 2. Apr. 6, 1940. (Published at 810 Union St., New Orleans, La.) 72.8 C8214

Editorial on the effect of government policies on the futures market.

1515. Halstead, Paul B. Processing tax curtails mill activity and retail sales. Textile Bul. 58(1): 26, 89, 92-93. Mar. 1, 1940. (Published by Clark Publishing Co., 218 West Morehead St., Charlotte, N. C.) 304.8 So82

1516. Jacobs, William P. The processing tax an economic fallacy. Textile Bul. 58(1): 22, 79-80. Mar. 1,

1940. (Published by Clark Publishing Co., 218 West Morehead St., Charlotte, N. C.) 304.8 So82

1517. Knell for ACCA. Cotton Trade Jour. 20(16): 2. Apr. 20, 1940. (Published at 810 Union St., New Orleans, La.) 72.8 C8214
An editorial commenting on the referring to the Court of Claims of the American Cotton Cooperative Association's claim for reimbursement.
1518. Lewis, K. P. Processing tax bad for both mill and farmer. Textile Bul. 58(1): 18. Mar. 1, 1940. (Published by Clark Publishing Co., 218 West Morehead St., Charlotte, N. C.) 304.8 So82
1519. McKellar plays ACCA, says it's no cooperative. Tennessean opposing \$4,200,000 reimbursement plea, pulls no punches. Cotton Trade Jour. 20(15): 1, 7. Apr. 13, 1940. (Published at 810 Union St., New Orleans, La.) 72.8 C8214
Extracts from speech of Senator McKellar before the United States Senate, are given.
1520. Matter, Henry. Processing tax pyramided before reaching consumer. Textile Bul. 58(1): 18, 96. Mar. 1, 1940. (Published by Clark Publishing Co., 218 West Morehead St., Charlotte, N. C.) 304.8 So82
1521. Murchison [Claudius T.] cites chains' vital role in cotton use. Enactment of Patman bill would be calamity to growers, textile industry. Daily News Rec. no. 97, pp. 1, 18, 23. Apr. 24, 1940. (Published at 8 East 13th St., New York, N. Y.) 286.8 N48
Extracts from testimony before the House subcommittee.
1522. Murchison, Claudius T. The proposed certificate plan as a threat to cotton. Textile Bul. 58(1): 16-17, 90-91. Mar. 1, 1940. (Published by Clark Publishing Co., 218 West Morehead St., Charlotte, N. C.) 304.8 So82
1523. Net-weight bill now in Senate is Fulmer bill, in essentials. Text of bill as amended is quoted in full, would be effective 1941-42. Cotton Trade Jour. 20(17): 1, 8. Apr. 27, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214

1524. Net-weight bill to Senate floor, early vote seen.
Action is speeded as Bilbo offers Fulmer measure in place of his own. Cotton Trade Jour. 20(15): 1, 8. Apr. 13, 1940. (Published at 810 Union St., New Orleans, La.) 72.8 C8214
Also in Cotton Digest 12(28): 14-15. Apr. 13, 1940.
1525. "Reimbursement" defeat of ACCA pleases shippers.
Southern cotton shippers association executive active in fight. Cotton Trade Jour. 20(16): 1, 6. Apr. 20, 1940. (Published at 810 Union St., New Orleans, La.) 72.8 C8214
Disapproval by the Senate of a bill to reimburse the American Cotton Cooperative Association is noted.
1526. Robbins, Carl B. Financing additions to the farm program; an address...before the annual meeting of the American cotton shippers association at New Orleans, Friday, 11 a.m., April 26, 1940. 33pp., processed. Washington, U. S. Dept. of agriculture, Commodity credit corporation, 1940.
Price-fixing, commodity loans and marketing certificates are discussed.
Extracts in Cotton Trade Jour. 20(17): 1, 7. Apr. 27, 1940.
1527. Sealy, George. A domestic allotment plan. Sealy proposes an optional plan to assure the farmer a bonus on cotton sold in America. Cotton Digest 12(26): 5, 31. Mar. 30, 1940. (Published at 710 Cotton Exchange Bldg., Houston, Tex.) 286.82 C822
1528. Senate expected to favor insurance. Cotton Digest 12(30): 16-17. Apr. 27, 1940. (Published at 710 Cotton Exchange Bldg., Houston, Tex.) 286.82 C822
1529. Spain. Raw cotton--special import tax increased. U. S. Bur. Foreign and Dom. Com. Com. Rpts. no. 14, p. 329. Apr. 6, 1940. (Published in Washington, D. C.) 157 C76D
"The proceeds of this tax are to be divided equally between the institute for promoting cotton growing and the commission for the promotion of exports of cotton manufactures."

See also Items nos. 1303, 1327, 1531, 1538, 1566, 1595, 1602.

Regulation

1530. Ashley, Sir Percy. Objectives of cotton control. Sir Percy Ashley's message to the Oldham chamber of commerce. Textile Recorder 57(683): 14. Feb. 6, 1940. (Published at Old Colony House, Manchester, 2, England) 304.8 T311
1531. [Bullard, C. K.] Cotton gins exempted in wage and hour provisions. Tex. Co-op. News 20(4): 15. Apr. 15, 1940. (Published by Texas Co-operative Publishing Co., Inc., 1100 South Ervay St., Dallas, Tex.) 72.9 T315F
1532. The Cotton industry bill. Cotton board and the Export council. Market investigation and publicity. Manchester Chamber of Com. Monthly Rec. 51(3): 75-77. Mar. 30, 1940. (Published at Ship Canal House, King St., Manchester, 2, England) 287 M31
 Passage of the cotton industry bill, appointment of the Cotton Board and its agreement with the Export Council are noted.
1533. Cotton warehouse firm accused of conspiracy. Jour. Com. [N. Y.] 184(14211): 9. Apr. 20, 1940. (Published at 63 Park Row, New York, N. Y.)
 "The Federal Trade Commission has issued a complaint against the Federal Compress & Warehouse Co., Memphis, Tennessee...and four ginning companies which it directly or indirectly owns or controls," charging "combination or conspiracy tending to restrain competition and create a monopoly in the compressing and storing of cotton and in the interstate sale of jute or burlap bagging and steel bands used in compressing cotton."
 Also in Daily News Rec. no. 94, pp. 1, 8. Apr. 20, 1940.
1534. Cox, A. B. Cotton situation. Tex. Business Rev. 14(2): 9-10. Mar. 28, 1940. (Published by Bureau of Business Research, University of Texas, Austin, Tex.) 280.8 T312
 The author compares the effect of the acreage control program in Texas and Oklahoma with effects in other parts of the cotton belt.
1535. Crosby, Henry. Crosby discusses the AAA program. Co-op. Farmer 18(7): 2-3. Apr. 1940. (Published

at 219 1/2 East Capitol St., Jackson, Miss.)
280.28 C7892

The AAA program as it relates to cotton is commented upon.

1536. Duggan, I. W. Cotton and marketing quotas in 1940. 6pp., processed. Washington, U. S. Dept. of Agriculture. Agricultural Adjustment Administration, 1940. 1.42 So8Ra

"An electrically transcribed discussion" on the question of whether or not to use marketing quotas in 1940.

1537. Egyptian government fixes new buying limit for cotton futures. U. S. Dept. Agr. Off. Foreign Agr. Relat. Foreign Crops and Markets 40(15): 435-436. Apr. 13, 1940. (Published in Washington, D. C.) 1.9 St2F

A table showing "minimum prices for cotton futures contracts fixed by government, February 16, 1940" is given.

1538. [Fleming, Philip B.] More than 90 percent of gins exempt from wage-hour act. Cotton and Cotton Oil Press 41(9): 22. Apr. 27, 1940. (Published at 3116-18 Commerce St., Dallas, Tex.) 304.8 C822

1539. [Gt. Brit. Ministry of supply]. The control of the cotton industry (no. 4) order, 1940, dated 9 February 1940, (a) made by the Minister of supply, under regulation 55 of the Defense (general) regulations, 1939. Gt. Brit. Bd. of Trade. Jour. 144(2255): 214. Feb. 22, 1940. (Published by H. M. Stationery office, Adastral House, Kingsway, London, W. C. 2, England) 256.03 T67J

Statutory rules and order, 1940, no. 196.

A summary of the order which relates to preference for Government and export orders appears on pp. 201-202.

1540. How the Cotton board will work with the Export council. Textile Weekly 25(629): 335. Mar. 22, 1940. (Published at 49, Deansgate, Manchester, 3, England) 304.8 T3127

Editorial on the plans of the Cotton Board of Great Britain.

1541. Huber, John Richard. The effects of German clearing agreements and import restrictions on cotton. 1934-1939. South. Econ. Jour. 6(4): 419-439. Apr. 1940. (Published by the Southern Economic Association and the University of North Carolina. May be obtained from the Managing Editor, P. O. Box 389, Chapel Hill, N. C.)

The writer summarizes his conclusions from this study as follows: "1. German clearing devices diverted cotton trade from its normal channels, chiefly at the expense of the United States. 2. These devices, combined with the reduction in total imports of cotton, forced internal prices up and tended to depress prices on the world market. 3. German import prices were increased by the depreciation of 'cotton marks,' the expenses incurred in carrying on clearing trade, and increased costs of cotton production in clearing countries. 4. The quality of imported cotton was reduced, the foreign production of inferior cotton promoted, high cost production subsidized, cotton supplying countries placed in a vulnerable position, and the use of high cost domestic substitutes encouraged. 5. The full impact of increased cotton prices and decreased quality was thrown on German consumers. 6. In the long run the German economy as a whole probably obtained cotton under clearing trade at a smaller real cost than that indicated by the price premium on imported cotton, for German export prices could have been, and apparently in some cases were, increased because of the depreciation of clearing marks."

1542. Netherlands cut navicert trouble, issuing permits. New type permit for import and export provided by order in council. Cotton Trade Jour. 20(17): 1. Apr. 27, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 08214

1543. Preference system in cotton industry for Government and export orders. Textile Mercury and Argus 102(2657): 201. Feb. 23, 1940. (Published at 41 Spring Gardens, Manchester, England)
The "Control of the Cotton Industry (No. 4) Order" of Great Britain is explained.

1544. Price of raw in Argentine fixed under a 'gentlemen's agreement.' Farmers' demands bring government intervention, Paraguay to follow suit. Cotton

Trade Jour. 20(16): 6. Apr. 20, 1940. (Published at 810 Union St., New Orleans, La.) 72.8 C8214

Fixed prices for raw cotton have been agreed upon in Argentina.

1545. Rail-truck cotton competition. Traffic World 65(16): 970. Apr. 20, 1940. (Published at 418 S. Market St., Chicago, Ill.) 288.8 T672

Application filed with the Interstate Commerce Commission for change of present carload cotton rates is discussed.

1546. Texas-Oklahoma acreage slashes inequable, claim. Baleage restriction, not acreage reduction would be fairer, says [Dr. A. B.] Cox. Cotton Trade Jour. 20(16): 3. Apr. 20, 1940. (Published at 810 Union St., New Orleans, La.) 72.8 C8214

1547. Transit cotton substitutes. Traffic World 65(13): 765. Mar. 30, 1940. (Published at 418 S. Market St., Chicago, Ill.) 288.8 T672

Report of argument before the Interstate Commerce Commission on the question of substituting cotton brought to a transit point by truck, wagon, boat or other method of conveyance, for one brought in by rail.

1548. United Kingdom limits domestic piecegoods sale. Move calculated to facilitate expansion of textile export market. Cotton Trade Jour. 20(16): 8. Apr. 20, 1940. (Published at 810 Union St., New Orleans, La.) 72.8 C8214

1549. U. S. Dept. of agriculture. Agricultural adjustment administration. East central division. 1940 agricultural conservation program--North Carolina. U. S. Dept. Agr. Agr. Adjustment Admin. ECR-401--N. C., 16pp. Washington, U. S. Govt. print. off., 1939. 1.42 Ea72
Cotton, p. 3.

1550. U. S. Dept. of agriculture. Agricultural adjustment administration. East central division. 1940 agricultural conservation program--Tennessee. U. S. Dept. Agr. Agr. Adjustment Admin. ECR-401--Tenn., 16pp. Washington, U. S. Govt. print. off., 1939. 1.42 Ea72
Cotton, p. 3.

1551. U. S. Dept. of agriculture. Agricultural adjustment administration. East central division. 1940 agricultural conservation program--Virginia. U. S. Dept. Agr. Agr. Adjustment Admin. ECR-401-Va., 16pp. Washington, U. S. Govt. print. off., 1939. 1.42 Ea72
Cotton, p. 3.
1552. U. S. Dept. of agriculture. Agricultural adjustment administration. Western division. Arizona handbook. 1940 agricultural conservation program. U. S. Dept. Agr. Agr. Adjustment Admin. 40-Ariz.-1, 14pp. Washington, U. S. Govt. print. off., 1940. 1.42 W52H
Cotton, pp. 1-2.
1553. U. S. Dept. of agriculture. Agricultural adjustment administration. Western division. California handbook. 1940 agricultural and range conservation programs. U. S. Dept. Agr. Agr. Adjustment Admin. 40-Calif.-1, 18pp. Washington, U. S. Govt. print. off., 1940. 1.42 W52H
Cotton, pp. 1-2.
1554. U. S. Dept. of agriculture. Agricultural adjustment administration. Western division. New Mexico handbook. Agricultural conservation program. U. S. Dept. Agr. Agr. Adjustment Admin. 40-N. Mex.-1, 16pp. Washington, U. S. Govt. print. off., 1940. 1.42 W52H
Cotton, pp. 1-2.
1555. U. S. Dept. of agriculture. Bureau of entomology and plant quarantine. Administrative instructions relating to pink bollworm quarantine. Restoring the treatment requirements as to cotton linters, cottonseed hulls, cake and meal, and extending the area in which baled cotton lint may be moved from certain lightly infested areas in New Mexico and Texas without treatment. Fed. Register 5(84): 1591. Apr. 30, 1940. (Published by National Archives, Washington, D. C.) 169 F31
B. E. P. Q. 493, rev.
1556. U. S. Dept. of agriculture. Federal surplus commodities corporation. Cotton stamp plan--regulations and conditions. Fed. Register 5(81): 1535-1538. Apr. 25, 1940. (Published by National Archives, Washington, D. C.) 169 F31

1557. U. S. Dept. of agriculture. Office of foreign agricultural relations. Egypt's cotton trade stimulated by wartime demand. U. S. Dept. Agr. Off. Foreign Agr. Relat. Foreign Crops and Markets 40(13): 374-376. Mar. 30, 1940. (Published in Washington, D. C.) 1.9 St2F

"A Cotton Administration was created by a Royal Decree published on November 16, 1939, under the Ministry of Finance with an office in Cairo and one in Alexandria. Its objects are (1) to assume the functions heretofore carried out by the Ministry of Finance with regard to cotton and cotton exchanges and (2) to deal with all questions relating to the ginning of cotton, the prohibition of mixing, humidity degree tests, and everything connected with Egyptian cotton marketing, financing, and trade, both domestic and foreign."

1558. U. S. Dept. of agriculture. Office of foreign agricultural relations. Wartime commodity control measures--Cotton. U. S. Dept. Agr. Off. Foreign Agr. Relat. Foreign Crops and Markets 40(14): 404. Apr. 6, 1940. (Published in Washington, D. C.) 1.9 St2F

Control measures in the United Kingdom and in France are reported.

1559. U. S. Dept. of labor. Wage and hour division. Final amended determination and order re employment of learners in the textile industry at wages lower than the minimum wage applicable under section 6 of the Fair labor standards act of 1938. Fed. Register 5(83): 1586-1587. Apr. 27, 1940. (Published by National Archives, Washington, D. C.) 169 F31

1560. [U. S. Interstate commerce commission] Relief on cottonseed cake. Traffic World 65(13): 750. Mar. 30, 1940. (Published at 418 S. Market St., Chicago, Ill.) 288.8 T672

An export rate on cottonseed cake from Monroe and West Monroe, La., to New Orleans, La., has been granted.

1561. Warehouse firm in conspiracy, Federal trade says. Allege Federal engaged in combination or conspiracy, tending to monopoly. Cotton Trade Jour. 20(16): 1, 3. Apr. 20, 1940. (Published at 810 Union St., New Orleans, La.) 72.8 C8214

The complaint was issued against the Federal Compress & Warehouse Company, Memphis, Tenn.

Also in Cotton and Cotton Oil Press 41(9): 24. Apr. 27, 1940.

1562. Wartime commodity control measures. Cotton. U. S. Dept. Agr. Off. Foreign Agr. Relat. Foreign Crops and Markets 40(16): 463-464. Apr. 20, 1940. (Published in Washington, D. C.) 1.9 St2F
The orders were issued by the Ministry of Supply of Great Britain.

See also Item no. 1609.

Adjudication

1563. Cotton exchange's by-laws upheld. Appellate court sustains prior lien of members on Waters seat sale. Jour. Com. [N. Y.] 184(14211): 1, 9. Apr. 20, 1940. (Published at 63 Park Row, New York, N. Y.)

"The Appellate Division yesterday upheld unanimously the legality and constitutionality of the by-laws of the New York Cotton Exchange in the case of Jackson Bros., Boesel & Co., a Stock Exchange house, against Spencer Waters, a member of the Cotton Exchange...The particular feature of the exchange by-laws involved in the case was the provision that claims of other members of the exchange for indebtedness due from a member through transactions on the floor of the exchange, and legal expenses in protecting the exchange's interest, should take the precedence given under the by-laws over other claims."

1564. Court victory for wage floor hailed in New Bedford. Daily News Rec. no. 82, p. 5. Apr. 6, 1940. (Published at 8 East 13th St., New York, N. Y.) 286.8 N48

Report of decision of the Fifth U. S. Circuit Court of Appeals at New Orleans upholding the 32 1/2-cent minimum wage for the cotton textile industry.

1565. Farmers sue on cotton quota. Cotton Digest 12(26): 28. Mar. 30, 1940. (Published at 710 Cotton Exchange Bldg., Houston, Tex.) 286.82 C822

"Three Dallas County, Texas, farmers have sued in the Forty-fourth District Court for an injunction to keep Government committeemen from entering their land, measuring or otherwise interfering with their farm operations."

MISCELLANEOUS--GENERAL

1566. Alabama mill men discuss national, state legislation. Paul A. Redmond, association head, relates achievements in tax field as convention opens. Daily News Rec. no. 81, pp. 1, 8. Apr. 5, 1940. (Published at 8 East 13th St., New York, N. Y.) 286.8 N48
Report of annual convention, Alabama Cotton Manufacturers Association, Mobile, April 4-5, 1940. Also in Textile Bul. 58(4): 13-14, 30. Apr. 15, 1940.
1567. American chemical society. Abstracts of papers, 98th meeting...Boston, Massachusetts, September 11 to 15, 1939. Various paging. [Washington, D. C., 1940] 331 Am33P
Partial contents: The chemistry of allergens. III. The solubility behavior of an allergenic protein picrate from cottonseed, by Joseph R. Spies, Harry S. Bernton and Henry Stevens, pp. B29-B30; Studies on the developing cotton fiber. I. The relation of the development of the crude cotton fiber to the other principal boll constituents, by Jack Compton and Forrest E. Haver, Jr., p. C6; The effect of temperature and concentration of sodium hydroxide on the mercerization of cotton as shown by X-ray diffraction analysis, by Wayne A. Sisson and William R. Saner, p. C7; The role of enzymes in the manufacture of cotton textiles, by Walter M. Scott, pp. C8-C9; Physical tests for quality in textiles, by Herbert F. Schiefer, p. C9; X-ray studies regarding the structure, orientation, and swelling behavior of native cellulose membranes, by Wayne A. Sisson, p. P23.
1568. [American society for testing materials. Committee D-13] Committee D-13 of A. S. T. M. has successful meeting in Charlotte. Textile Bul. 58(2): 16, 28-29. Mar. 15, 1940. (Published by Clark Publishing Co., 218 West Morehead St., Charlotte, N. C.) 304.8 So82
Report of meeting in Charlotte, N. C., March 13 and 14, 1940. Also reported in Textile World 90(4): 59. Apr. 1940.
1569. Arkansas cotton men staging big rally and forum. Cotton Trade Jour. 20(14): 5. Apr. 6, 1940. (Pub-

lished at 810 Union St., New Orleans, La.)

72.8 C8214

"The Arkansas Cotton Trade Association is holding its twenty-second annual convention" in Little Rock, April 6, 1940.

1570. Carman, Harry J., ed. American husbandry. 582pp. New York, Columbia university press, 1939. (Columbia University Studies in the History of American Agriculture no. 6) 31 Am3

Originally published in 1775.

Cotton is among the crops mentioned throughout the text. For references to cotton mentioned in the text see the index.

1571. Clark, Thornton. Says farm, mill prosperity is vital to trade. Cotton Trade Jour. 20(15): 1, 3. April 13, 1940. (Published at 810 Union St., New Orleans, La.) 72.8 C8214

Extracts from address before annual convention Atlantic Cotton Shippers' Association, Apr. 12, 1940.

Also in Cotton Digest 12(28): 6, 16-18. Apr. 13, 1940.

1572. Cook, Everett R. The National cotton council and its work. Cotton Digest 12(27): 4-5, 13. Apr. 6, 1940. (Published at 710 Cotton Exchange Bldg., Houston, Tex.) 286.82 C822

Excerpts of an address before the Arkansas Cotton Trade Association, Little Rock, April 6, 1940.

Also in Cotton Trade Jour. 20(18): 8. May 4, 1940.

1573. Cotton research foundation heads meet at Memphis. Bass of Mellon institute outlines work, strong for cotton tire cord. Cotton Trade Jour. 20(17): 1. Apr. 27, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214

Report of meeting held in Memphis, Apr. 23, 1940.

1574. Cotton textile heads rally at White Sulphur. American cotton manufacturers association holding forty-fourth annual convention, face war problem. Cotton Trade Jour. 20(17): 1, 8. Apr. 27, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214

Report of forty-fourth annual convention, American Cotton Manufacturers Association, held in White Sulphur Springs, W. Va., April 1940.

1575. Cotton to get aid from distributors, Murchison asserts. Cotton consumption council meeting hears of cotton week plans. Cotton Trade Jour. 20(16): 8. Apr. 20, 1940. (Published at 810 Union St., New Orleans, La.) 72.8 C8214
Report of meeting of the Cotton Consumption Council, Memphis, Apr. 16, 1940.
1576. Delta council begins sixth year in Delta's service. Accomplishments have aided every phase of business. Delta Council News 1(8): 1-2. Apr. 10, 1940. (Published by the Delta Council, Stoneville, Miss.) Activities in the interest of cotton are noted.
1577. Donald Comer discusses southern problems in address to shippers. Cotton Trade Jour. 20(17, sec. 2): 1, 16. Apr. 27, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214
Extracts from address before the annual meeting of the Atlantic Cotton Shippers Association, held in Atlanta, Apr. 12-13, 1940.
Also in Cotton Digest 12(30): 13, 21, 24-25. Apr. 27, 1940.
1578. Facing grave domestic and foreign problems, American cotton shippers association begins 2-day meet here. Cotton Trade Jour. 20(17): 1, 5, 8. Apr. 27, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214
Report of annual convention of the American Cotton Shippers Association, held in New Orleans, Apr. 26-27, 1940.
1579. The fallacy of agricultural regimentation. Textile Bul. 58(1): 52, 57-58. Mar. 1, 1940. (Published by Clark Publishing Co., 218 West Morehead St., Charlotte, N. C.) 304.8 So82
Editorial on the cotton situation in the United States.
1580. Groups mobilize to support National cotton week. Cotton [Atlanta] 104(4): 86. Apr. 1940. (Published by W. R. C. Smith Publishing Company, Grant Bldg., Atlanta, Ga.) 304.8 C823
1581. Guarro, E., and Vilarnau, E. G. El campo Argentino; agricultura, ganadería, horticultura, trabajos agrícolas. 279pp. Buenos Aires, Alsina y Bolívar,

1939. 31.9 G93
Argentina, agriculture, livestock, horticulture,
and agricultural labor.
El algodón (cotton), pp. 62-64.
1582. Haiti. Service national de la production agricole et
de l'enseignement rural. Rapport annuel. Exer-
cices 1936-37 et 1937-38. Bul. 15, 152pp. Port-
au-Prince, Haiti, 1939.
Annual report, seasons 1936-37 and 1937-38.
Cotton, pp. 45-54 (includes varieties and
insect pests).
1583. Hamor, W. A. Pure and applied science research at
Mellon institute, 1939-40. Science 91(2365):
407-410. Apr. 26, 1940. (Published at Grand
Central Terminal, New York, N. Y.) 470 Sci2
Includes report on the Cotton Research Founda-
tion fellowship.
1584. [Hanes, Robert M.] Long range view greatest need of
organized business, is claim. Textile convention
hears American bankers association president.
Cotton Trade Jour. 20(17, sec. 2): 16. Apr. 27,
1940. (Published at Cotton Exchange Bldg., New
Orleans, La.) 72.6 C8214
Extracts from address before the convention of
the American Cotton Manufacturers Association,
White Sulphur Springs, W. Va., Apr. 26, 1940.
1585. [India.] Indian central cotton committee. Proceed-
ings of the Coimbatore meeting. Indian Textile
Jour. 50(593): 145. Feb. 1940. (Published at
Military Square, Fort, Bombay, India) 304.8 In2
The meeting was held in Coimbatore, Jan. 19-20,
1940.
1586. Jackson, Burris C. A Texas group working on Texas
problems. A history of the State-wide cotton com-
mittee now waging a cotton consumption campaign,
seeking new uses for both lint and seed. Cotton
Digest 12(26): 8, 29. Mar. 30, 1940. (Published
at 710 Cotton Exchange Bldg., Houston, Tex.)
286.82 C822
1587. [Johnston, Oscar] Expand domestic, foreign markets,
Johnston pleads. Convention hears council chief
call further acreage cut unthinkable. Cotton Trade

Jour. 20(15): 1, 3. (Published at 810 Union St., New Orleans, La.) 72.8 C8214

Extracts from address before the annual convention, Atlantic Cotton Shippers' Association, April 12, 1940.

Also in Cotton Digest 12(28): 4-5. Apr. 13, 1940.

1588. La Junta nacional del algodón celebra su última reunión del año 1939. Argentine Republic. Junta Nacional del Algodón. Boletín Mensual no. 57, pp. 5-6. Jan. 1940. (Published in Buenos Aires, Argentina) 72.9 Ar3

The Junta Nacional del Algodón held its last meeting of the year 1939.

Report of meeting held December 13, 1939.

1589. Lipscomb, Ed. Wants one voice for raw cotton to meet competitors' challenge. Some activities of National cotton council in promotion are told. Cotton Trade Jour. 20(17, sec. 2): 10, 14. Apr. 27, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214

1590. Memphis welcomes Southern cotton shippers association. Cotton Trade Jour. 20(16): 1, 7. Apr. 20, 1940. (Published at 810 Union St., New Orleans, La.) 72.8 C8214

Brief report of 25th annual meeting, Southern Cotton Shippers Association, Memphis, Apr. 20, 1940.

Also reported in Cotton Digest 12(30): 18. Apr. 27, 1940.

1591. New Mexico. Agricultural experiment station. Fiftieth annual report...1938-1939. 72pp. State College, [1940] 100 N465 50th 1938/39

Partial contents: Cotton investigations, pp. 18-20; Breeding cotton of uniform quality for the irrigated areas of Southern New Mexico, pp. 25-26; Cotton grade and staple estimates and primary market studies, pp. 26-27; The amount of cotton-seed meal necessary to supplement hegarí fodder and hegarí grain in lamb-fattening rations, pp. 39-40; The effects of different irrigation treatments on maturity, lint, and yield factors of Acala cotton, and labor requirements for production, pp. 63-66.

1592. Nichols, John P. Variety chain will boost cotton week. Daily News Rec. no. 91, pp. 19, 21. Apr. 17, 1940. (Published at 8 East 13th St., New York, N. Y.) 286.8 N48
1593. Oldham master cotton spinners' association limited. Report of the committee for year ended December 31st, 1939 together with list of the committees and members. 129pp. Oldham, Thos. Dornan Ltd., printers, 1940. 72.9 011
1594. Outlander's attacks on South's problems are strategems, claim. They're jockeying for economic advantage, textile president's view. Cotton Trade Jour. 20(17, sec. 2): 12. Apr. 27, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214
Excerpts from address of K. P. Lewis, before the meeting of the American Cotton Manufacturers Association, White Sulphur Springs, W. Va., Apr. 26, 1940.
1595. Queensland. Cotton board. General manager's annual report, season 1939. 39pp. [Brisbane, Queensland producer pty. print., 1940:] 72.9 Q3
Contents: General review of the season's cotton crop, pp. 1-16; Commonwealth government's bounty payment for raw cotton production, pp. 16-17; Cotton production in Queensland, pp. 18-27; Production of cotton under irrigation, pp. 27-31; The world prices of raw cotton and the economics of cotton growing in Australia from a national point of view, pp. 31-34; Mechanical cotton picking machines, pp. 34-35; United States of America's cotton export subsidy, pp. 35-36; Operations of the cottonseed oil mill at Whinstanes, pp. 36-37; Sale of bales, bags, and twine to cotton growers, p. 37; Cotton production for Australia in relation to intensive rural development and settlement, pp. 37-39.
1596. Roosevelt writes Johnston National cotton week O. K. Johnston replies expressing appreciation at the President's interest. Cotton Trade Jour. 20(16): 3. Apr. 20, 1940. (Published at 810 Union St., New Orleans, La.) 72.8 C8214
The text of the President's message is given. Also in Cotton Digest 12(29): 4. Apr. 20, 1940.

1597. St. Vincent. Agricultural department. Annual report ...1938. 4lpp. Kingstown, Govt. print. off., 1940. 102 W528 1938
 Partial contents: Cotton industry, pp. 5-8; Cotton--a combined variety and manurial trial, pp. 18-20; Pink bollworm, pp. 20-21; Cotton stain-ers, p. 21; Cotton research station, pp. 21-23; Government cotton ginnery, pp. 40-41.
1598. Schofield, J. Technical societies and their func-tions. Textile Inst. Jour. 31(2): P18-P19. Feb. 1940. (Published at 16 St. Mary's Par-sonage, Manchester 3, England) 73.9 T31
 Letter to the editor suggesting that the organizations in the British textile industry extend their fields of research to include tex-tile economics.
1599. [Scott, Walter M.] More details on plans of the research laboratory at New Orleans. Cotton [At-lanta] 104(4): 119-120. Apr. 1940. (Published by W. R. C. Smith Publishing Company, Grant Bldg., Atlanta, Ga.) 304.8 C823
 Extracts from address before the Association of Southern Agricultural Workers convention, Birming-ham, Ala., February 9, 1940.
1600. Smithsonian institute work on textiles told to deans. Daily News Rec. no. 91, pp. 1, 24. Apr. 17, 1940. (Published at 8 East 13th St., New York, N. Y.) 286.8 N48
 Extracts from address of Dr. F. L. Lewton, be-fore the semi-annual convention of the deans of textile schools, Washington, D. C., April 16, 1940, are given.
1601. Southeastern cotton merchants representing six states tackling cotton problems in Atlantic meet. Cotton Trade Jour. 20(15): 1, 3. Apr. 13, 1940. (Pub-lished at 810 Union St., New Orleans, La.) 72.8 C8214
 Report of 17th annual convention, Atlantic Cotton Shippers' Association, Atlanta, Apr. 12-13, 1940.
1602. Subsidy suspense should be ended quickly, is view. Atlantic association favors Cotton council, is cool to net weight. Cotton Trade Jour. 20(16): 1, 6. Apr. 20, 1940. (Published at 810 Union St.,

New Orleans, La.) 72.8 C8214

Recommendations of the Atlantic Cotton Association, at its convention held in Atlanta, April 12-13, 1940 are noted.

1603. Sudan. Governor-general. Report...on the administration, finances and conditions of the Sudan in 1938. 145pp. London, H. M. Stationery off., 1939.
270 Sul 1938

Partial contents: Cotton growing, pp. 23-24; Cotton and cotton-seed exports, pp. 32-33; Cotton yields, p. 40; Cotton crop prospects 1938-39, p. 41; Cotton ginning, pp. 41-42; Cotton areas and outputs for last five years, p. 42; Cotton sales at Port Sudan, pp. 46-47.

1604. [Texas cotton association] Committee work of Texas cotton meeting basis of accomplishment. Reports and recommendations, some altered on floor, of wide interest. Cotton Trade Jour. 20(14): 1, 7. Apr. 6, 1940. (Published at 810 Union St., New Orleans, La. 72.8 C8214

Report of convention in Galveston, Tex., Mar. 29-30, 1940. Committee reports on the following topics were adopted by the convention: navicert troubles, Sterling exchange, Germany's undertaking to pay losses on certain cotton seized in Poland, delay in weighing cotton arriving at Barcelona, need for continuance of the reciprocal trade agreements program, insurance of foreign shipments, financing the National Cotton Council, change in trading rules with regard to cotton sold on call, and classification of cotton for tender.

Also reported in Cotton Digest 12(27): 3, 10-11, 14. Apr. 6, 1940.

1605. 25% rise in cotton exports held need. Consumption council meeting in New Orleans hears Murchison. Daily News Rec. no. 91, pp. 1, 27. Apr. 17, 1940. (Published at 8 East 13th St., New York, N. Y.)
286.8 N48

Report of meeting of Cotton Consumption Council, held in New Orleans, Apr. 16, 1940.

1606. III.^o Congresso algodoeiro de São Paulo. Revista do Algodão 10(53): 3023-3026. Jan. 1940. (Published at Rua de S. Bento, 389, São Paulo, Brazil)
Third Cotton Congress of São Paulo.

1607. U. S. Congress. Senate. Committee on appropriations. Agricultural department appropriation bill for 1941. Hearings before the subcommittee... Seventy-sixth Congress, third session on H. R. 8202... 772pp. Washington, U. D. Govt. print. off., 1940. 1 Ag81Ses

Partial contents: United States cotton ginning laboratory, Stoneville, Miss., pp. 200-201; Pink bollworm control, pp. 218-219; Question as to furnishing material for poisoning boll weevil, pp. 235-236; Bill to include cotton in insurance program, pp. 267-268; Revision of cotton futures contract, pp. 315-325; Stamp plan to distribute cotton goods, p. 363; Operation of export subsidy on cotton, pp. 394-398; Position of American farm bureau federation on an export subsidy, p. 534; Effect of pink bollworm on cotton in Texas, p. 610; Statement of Hon. Richard M. Kleberg on pink bollworm control, pp. 642-649.

1608. U. S. Tariff commission. Raw materials bibliography; general references to selected raw materials and basic economic resources. 85pp., processed. Washington, 1939. 173 T17Raw

"In the preparation of this bibliography, the term 'raw material' has been used in a broad sense to include not only those commodities which obviously come within the commonly accepted definition, but also some processed or partly processed materials that in turn are raw materials for other industries."

Cotton is included in the index of commodities.

1609. Urge British publish white list of mills eligible for navicerts. Southern association convention makes recommendation to American. Cotton Trade Jour. 20(17, sec. 2): 15. Apr. 27, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214

Other matters referred to the American Cotton Shippers Association by the Southern Cotton Shippers Association at its recent meeting are also noted.

1610. WTCGA endorses National cotton council and new financing plan. Truck load limit condemned. Tex. Co-op News 20(4): 14. Apr. 15, 1940. (Published by Texas Co-operative Publishing Co., Inc.,

1100 South Ervay St., Dallas, Tex.) 72.8 T315F

Report of annual convention of West Texas Cotton Growers Association, held in Abilene, Apr. 9, 1940.

1611. West, Arkansas association head, tells of regional bodies' work. Cotton Trade Jour. 20(17): 2, 3. Apr. 27, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214
 Extracts from address of B. G. West, before the annual meeting of the Arkansas Cotton Trade Association, Little Rock, Apr. 1940.

1612. Wilson, George A. Further consideration of the last-in, first-out basis of inventory accounting. N. A. C. A. Bul. 21(1, sect. 1): 1-26. Sept. 1, 1939. (Published by National Association of Cost Accountants, 385 Madison Ave., New York, N. Y.) Lib. Cong.

Examples are given of valuation of inventories in the cotton textile industry on the last-in, first-out basis, compared with the cost-or-market basis, in a steady cotton market, a rising cotton market, and a declining cotton market.

For further discussion see N. A. C. A. Bul. 21(7, sect. 2): 459-462. Dec. 1, 1939.

1613. Yankee slant on cotton problem is given by chain store group. Stores with half million employees fight for cotton prosperity. Cotton Trade Jour. 20(17, sec. 2): 14, 15. Apr. 27, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214

Part played by the Institute of Distribution, Inc., and the Limited Price Variety Stores Association, in National cotton week is noted.

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C O T T O N R E P O R T S

ISSUED CURRENTLY BY UNITED STATES GOVERNMENT DEPARTMENTS

U. S. Department of Agriculture, Agricultural Marketing Service

Crop Reports (Summarized in Crops and Markets, which is issued monthly):
to be issued May 24, July 8, Aug. 8, Sept. 9, Oct. 8, Nov. 8, Dec. 9,
1940.

Grade and Staple Reports:

Semi-Monthly Cotton Grade and Staple Report: issued at Washington
during the active ginning season.

Semi-monthly reports for each state will be issued during the principal
part of the ginning season.

Market News Reports:

Cotton Quotations: issued weekly at Atlanta, Ga., Memphis, Tenn., and
Dallas and El Paso, Tex.

Report of the Designated Spot Cotton Markets: issued daily at Atlanta, Ga.

Weekly Cotton Market Review: issued at Washington, D. C., Atlanta, Ga.,
Memphis, Tenn., and Dallas and El Paso, Tex.

Weekly Cottonseed Review: issued at Memphis, Tenn., and Atlanta, Ga.

Weekly Review--American Cotton Linters: issued at Washington, D. C.

U. S. Department of Agriculture, Bureau of Agricultural Economics

Cotton Situation: issued monthly.

U. S. Department of Agriculture, Commodity Exchange Administration

Daily Reports on Volume of Sales for Future Delivery and Open Contracts:
issued at New York, New Orleans and Chicago.

Deliveries in Settlement of Futures Contracts on New York and New Orleans
Cotton Exchanges: to be issued May 31, July 31, Oct. 31, Nov. 30, 1940;
Jan. 31, Mar. 31, 1941.

Trade in Cotton Futures: issued monthly at New York, (Vol. 1, No. 1, Mar.
1940.)

Unfixed Call Purchases and Sales of Cotton Based on New York Futures: issued
weekly at Chicago, New York and New Orleans.

Volume of Trading, All Markets: issued monthly at Washington.

U. S. Department of Commerce, Bureau of the Census

Activity in the Cotton Spinning Industry: issued monthly.

Cotton Consumed, on Hand, Imported and Exported, and Active Cotton Spindles:
issued monthly.

Cottonseed Products Manufactured and on Hand at Oil Mills: issued monthly.

Cottonseed Received, Crushed, and on Hand, and Cottonseed Products Manufac-
tured, Shipped out, on Hand and Exported: issued monthly.

Exports and Imports of Cottonseed Products: issued monthly.

Report on Cotton Ginnings: to be issued Aug. 8, 23, Sept. 9, 23, Oct. 8, 25,
Nov. 8, 21, Dec. 9, 20, 1940; Jan. 23, Mar. 20, 1941.

U. S. Department of Commerce, Bureau of Foreign and Domestic Commerce

Textile Raw Materials: issued weekly.

Textiles and Allied Products: issued weekly.

